Dynamic Coatings Inc. | (877) 225-2549 | www.dciflooring.com

						Mater	ial Sat	ety	
			M THE FLOOR UP			Data \$			
95 Goo	dwin Street, I	East Hart	ford, CT., 061	08 (860) \$	528-9838	Date Prepared	06/13/2014 HAZARD RATING	Health	3
SECTION	I - IDENTIF	ICATIO	N				0 = Least	Flammability	1
IDENTITY (As U	Jsed on Label)		Dur-A-Glaze	e <b>#4 WB P</b> r	imer-Sealer H	Iardener	1 = Slight 2 = Moderate	Reactivity	0
			Emulsified Arr				з = ніgn 4 = Extreme	Personal Protection	G
		ол то	MPONENT		CAS.#		OSHA PEL	ACGIH TLV	
Water				-	7732-18-5		N.E. <sup>1</sup>	N.E.	
Polyamine Cu	rative				Proprietary <sup>2</sup>		N.E.	N.E.	
	xy Resin Adhe	sion Pron	otor		Proprietary		N.E.	N.E.	
1					1 5				
<sup>1</sup> None Establis	shed								
<sup>2</sup> The manufact	turer of the con	nponent si	ates that they w	vill provide ad	lditional inforn	nation to a heal	th professional	in the	
event of a m	edical emerger	ncy.							
T.S.C.A. Statu	ıs - O.K. on all	above co	mponents.						
*FOR SPILL	. LEAK. FIRI	E. OR AC	CIDENT, CA	LL CHEMT	REC 24-HOUI	REMERGEN	CY NUMBER	1-800-424-930	0*
			CIDENT, CA			R EMERGEN(	CY NUMBER	1-800-424-930	)0*
							CY NUMBER		0*
SECTION	III - PHYSI			HARACTE	RISTICS		CY NUMBER	1.07	00*
SECTION Boiling Point	III - PHYSI (mm Hg)			HARACTE >400°F	Specific Gravity Melting Point				0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>J</i>	III - PHYSI (mm Hg)	CAL/CH	IEMICAL C	HARACTE >400°F not known	Specific Gravity Melting Point	r (H2O = 1)		1.07 N/A	00*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>J</i>	(mm Hg) AIR = 1) Compounds (VC	CAL/CH	IEMICAL C	HARACTE >400°F not known	Specific Gravity Melting Point	r (H2O = 1)		1.07 N/A	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic	(mm Hg) AIR = 1) Compounds (VC	CAL/CH DC) = < 2 gr Soluble	IEMICAL C	HARACTE >400°F not known not known	Specific Gravity Melting Point Evaporation rat	r (H2O = 1)		1.07 N/A	00*
SECTION Boiling Point Vapor Pressure Vapor Density (A Volatile Organic Solubility in Wat Appearance and	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor	CAL/CH DC) = < 2 gr Soluble Pale yell	TEMICAL C	HARACTE >400°F not known not known id. Mild este	RISTICS Specific Gravity Melting Point Evaporation rat	r (H2O = 1)		1.07 N/A	0*
SECTION Boiling Point Vapor Pressure Vapor Density (A Volatile Organic Solubility in Wat Appearance and SECTION	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a	CAL/CH DC) = < 2 gr Soluble Pale yell	TEMICAL C	HARACTE >400°F not known not known id. Mild este	RISTICS Specific Gravity Melting Point Evaporation rat	r (H2O = 1) e (Butyl Acetate :		1.07 N/A	0*
SECTION Boiling Point Vapor Pressure Vapor Density (A Volatile Organic Solubility in Wat Appearance and SECTION	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor	CAL/CH DC) = < 2 gr Soluble Pale yell	TEMICAL C	HARACTE >400°F not known not known id. Mild este	RISTICS Specific Gravity Melting Point Evaporation rat	r (H2O = 1) e (Butyl Acetate :	= 1)	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Ma	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method	CAL/CH DC) = < 2 gr Soluble Pale yell	TEMICAL C	HARACTE >400°F not known not known id. Mild este AZARD D	RISTICS Specific Gravity Melting Point Evaporation rat r-like odor. ATA Flammable Lim	r (H2O = 1) e (Butyl Acetate :	= 1) LEL	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method	CAL/CH DC) = < 2 gr Soluble Pale yell	IEMICAL C rams/liter ow viscous liqu PLOSION H	HARACTE >400°F not known not known id. Mild este AZARD D	RISTICS Specific Gravity Melting Point Evaporation rat r-like odor. ATA Flammable Lim	r (H2O = 1) e (Butyl Acetate :	= 1) LEL	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Ma Special Firefight	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF	TEMICAL C rams/liter ow viscous liqu PLOSION H	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr	RISTICS Specific Gravity Melting Point Evaporation rat r-like odor. ATA Flammable Lim ry Chemicals.	r (H2O = 1) e (Butyl Acetate :	= 1) LEL	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density (/ Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Ma Special Firefight Wear full prot	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipme	CAL/CH DC) = < 2 gr Soluble Pale yell Ind EXF ) ent includi	HEMICAL C rams/liter ow viscous liqu PLOSION H Water spray, F	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr	RISTICS Specific Gravity Melting Point Evaporation rat r-like odor. ATA Flammable Lim ry Chemicals.	r (H2O = 1) e (Butyl Acetate :	= 1) LEL	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density (/ Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Ma Special Firefight Wear full prot	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures	CAL/CH DC) = < 2 gr Soluble Pale yell Ind EXF ) ent includi	HEMICAL C rams/liter ow viscous liqu PLOSION H Water spray, F	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr	RISTICS Specific Gravity Melting Point Evaporation rat r-like odor. ATA Flammable Lim ry Chemicals.	r (H2O = 1) e (Butyl Acetate :	= 1) LEL	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>J</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Ma Special Firefight Wear full prot	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipment d Explosion Haza	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi	HEMICAL C rams/liter ow viscous liqu PLOSION H Water spray, F	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a	FRISTICS   Specific Gravity   Melting Point   Evaporation rate   r-like odor.   ATA   Flammable Limi   ry Chemicals.   apparatus.	e (Butyl Acetate =	= 1) LEL N/A	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Me Special Firefight Wear full prot Unusual Fire and Cool storage c	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipment d Explosion Haza	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi ards water spr	HEMICAL C rams/liter ow viscous liqu PLOSION H Water spray, F	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a	FRISTICS   Specific Gravity   Melting Point   Evaporation rate   r-like odor.   ATA   Flammable Limi   ry Chemicals.   apparatus.	e (Butyl Acetate =	= 1) LEL N/A	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Ma Special Firefight Wear full prot Unusual Fire and Cool storage c Combustion p	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipme d Explosion Haza containers with	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi ards water spr e toxic.	HEMICAL C rams/liter ow viscous liqu PLOSION H Water spray, F ing self-containe ay to prevent pr DATA	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a	FRISTICS   Specific Gravity   Melting Point   Evaporation rate   r-like odor.   ATA   Flammable Limi   ry Chemicals.   apparatus.	e (Butyl Acetate =	= 1) LEL N/A	1.07 N/A not known	0*
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Ma Special Firefight Wear full prot Unusual Fire and Cool storage c Combustion p	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipme d Explosion Haza containers with roducts may be	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi ards water spr e toxic.	HEMICAL C Tams/liter ow viscous liqu PLOSION H Water spray, F ing self-contained ay to prevent pr	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a	FRISTICS   Specific Gravity   Melting Point   Evaporation rate   r-like odor.   ATA   Flammable Limi   ry Chemicals.   apparatus.	e (Butyl Acetate =	= 1) LEL N/A	1.07 N/A not known	
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Me Special Firefight Wear full prot Unusual Fire and Cool storage c Combustion p SECTION	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er I Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipme d Explosion Haze containers with roducts may be V - REACT	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi ards water spr e toxic.	HEMICAL C rams/liter ow viscous liqu PLOSION H Water spray, F ing self-containe ay to prevent pr DATA	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a	FRISTICS   Specific Gravity   Melting Point   Evaporation rate   r-like odor.   ATA   Flammable Limi   ry Chemicals.   apparatus.	e (Butyl Acetate =	= 1) LEL N/A	1.07 N/A not known	
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Me Special Firefight Wear full prot Unusual Fire and Cool storage c Combustion p SECTION Stability	III - PHYSI (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipme d Explosion Haza containers with roducts may be V - REACT Unstable	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi ards water spr e toxic. IVITY E X	IEMICAL C Tams/liter ow viscous liqu PLOSION H Water spray, F ing self-contained ay to prevent pr DATA Conditions to Ave	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a	FRISTICS   Specific Gravity   Melting Point   Evaporation rate   r-like odor.   ATA   Flammable Limi   ry Chemicals.   apparatus.	e (Butyl Acetate =	= 1) LEL N/A	1.07 N/A not known	
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Me Special Firefight Wear full prot Unusual Fire and Cool storage c Combustion p SECTION Stability Incompatibility (N	III - PHYSIC (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipmed d Explosion Haze containers with roducts may be V - REACT Unstable Stable	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi ards water spr e toxic. IVITY [ X d)	IEMICAL C Tams/liter ow viscous liqu PLOSION H Vater spray, F ing self-contained ay to prevent pr DATA Conditions to Ave None known	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a ressure build-t	FRISTICS   Specific Gravity   Melting Point   Evaporation rate   r-like odor.   ATA   Flammable Limi   ry Chemicals.   apparatus.	ture the contain	= 1) LEL N/A	1.07 N/A not known	
SECTION Boiling Point Vapor Pressure Vapor Density ( <i>I</i> Volatile Organic Solubility in Wat Appearance and SECTION Flash Point (Clo Extinguishing Me Special Firefight Wear full prot Unusual Fire and Cool storage c Combustion p SECTION Stability Incompatibility (N	III - PHYSIC (mm Hg) AIR = 1) Compounds (VC er d Odor IV - FIRE a sed Cup Method edia ing Procedures ective equipme d Explosion Haza containers with roducts may be V - REACT Unstable Stable Materials to Avoid	CAL/CH DC) = < 2 gr Soluble Pale yell and EXF ) ent includi ards water spr e toxic. IVITY [ X d)	IEMICAL C Tams/liter ow viscous lique PLOSION H Water spray, F ing self-contained ay to prevent pr DATA Conditions to Ave None known	HARACTE >400°F not known not known id. Mild este AZARD D 212°F oam, CO <sub>2</sub> , Dr ed breathing a ressure build-t	Specific Gravity Melting Point Evaporation rat r-like odor. ATA Flammable Lim ry Chemicals.	ture the contain	= 1) LEL N/A	1.07 N/A not known	

SECTION VI - HEALTH	HAZARD DATA			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	
	YES	YES	YES	
Signs and Symptoms of Exposure	Irritation of skin.			
Health Hazards (Acute and Chronic)				
ACUTE - Irritation of skin and	dermatitis.			
CHRONIC - Repeated overexp	osure will cause severe ski	in irritation, dermatitis and sensi	tization. Sensitized	
persons may expe	rience rapid irritation of s	kin upon exposure.		
Persons with lung disorders or v	-			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	
0,	NO	NO	NO	
Medical Conditions Generally Aggrav Allergy, skin disorders	vated by Exposure			
Emergency and First Aid Procedures	3			
EVES - Elush with water holdi	ing lids open for 15 minute	es or more. Call physician for ad	lvice if necessary	
		T wash with solvents. Seek me	-	
irritation develops or p	-	1 wash whill solvents. Seek me		
		If needed, give oxygen or artifi	oial recontration	
	eathing . Consult physicia		cial respiration	
-		give liquids to an unconscious o	r convulsing person	
INOLSTION - Oet medical atte	infon ininediately. Never	give inquites to all unconscious o	a convuising person.	
SECTION VII - CONTRO	OL MEASURES			
Respiratory Protection (Specify Type				
		ved respirator if PELS/TLVS are		
Ventilation Local Exhaust	If needed.		known.	
Mechanical		ventilation must exhaust AWAY	**	
Protective Gloves N Other Protective Clothing or Equipm	atural rubber or Neoprene.	Eye Protection Splash	n goggles or face shield.	
•		prevent contact with skin. Laund		
C C		s and canvas sneakers. Protectiv	•	
	-	n. An eye wash station or an ad	equate supply of clean	
water must be available at work				
		prevent splashing. Wash thorou	ghly after use.	
		E HANDLING AND USE		
Steps to be Taken in Case Material i				
		ll and dike to prevent spreading.	-	
	into containers. Clean cor	ntaminated area with detergent ar	nd water or a steam	
cleaner for best results.				
Waste Disposal Method				
Dispose in accordance with Fed	eral, State and Local requi	irements.		
Precautions to be Taken in Handling	and Storing			
Keep containers tightly closed v	when not in use.			
Other Precautions N	ONE KNOWN.			
Prepared by Murty Bhamidipati - Ch	nemist			
and the conditions of t NOTE RESPECT TO THE C	nandling and use, or misuse, are b	eyond our control, Dur-A-Flex, Inc. MAKE IG ACCURACY OF THE INFORMATION	dards, and government regulations are subject to S NO WARRANTY, EITHER EXPRESS OR IMP CONTAINED HEREIN AND DISCLAIMS ALL LI/	LIED, WITH

6	DUR	<b>-A</b> -	FI	LEX	K
	INNOVATION	FROM	THE	FLOOR	UP

## Material Safety 4 4

		INNOVATI	ON FROM THE F	LOOR UP		Data S	Sneet		
95 Goo	odwin Street, E	East Hart	ford, CT., 061	08 (860	)) 528-9838	Date Prepared	6/13/2014		
OFOTION							HAZARD RATING 0 = Least	Health	1
SECTION	I - IDENTIF			// 4 1	DEGINI/D:		1 = Slight	Flammability	1
IDENTITY (As l	Used on Label)			aze #4 1	RESIN/ Bio-	Pruf®	2 = Moderate 3 = High	Reactivity	0
COMMON NAM			Epoxy Resin				4 = Extreme	Personal Protection	G
SECTION	II - PRODU	ст со	MPONENT	S	CAS.#		OSHA PEL	ACGIH TLV	
Diglycidyl Et	ther Bisphenol	A Epoxy	Resin		25085-99-8		N.E. <sup>1</sup>	N.E.	
Aliphatic Gly	cidyl Ether Dilu	uent			68609-97-2		N.E.	N.E.	
Film Additive	es				Proprietary <sup>2</sup>		N.E.	N.E.	
1									
<sup>1</sup> Not Establish	ned								
<sup>2</sup> 771 C					1 11.4 14.6		1.1	• •	
		omponent	states that the	y will provi	de additional info	ormation to a hea	lth professional	in the	
event of an e	emergency.								
T.S.C.A. Statu	us - O.K. on all	above co	mponents.						
			•	LL CHEM	TREC 24-HOU	R EMERGENC	Y NUMBER	1-800-424-9300*	
			<b>HEMICAL C</b>						
Boiling Point				N/A	Specific Gravity	y (H2O = 1)		>1	
Vapor Pressure	(mm Hg)			N/A	Melting Point			N/A	
Vapor Density (	AIR = 1)			N/A	Evaporation rat	te (Butyl Acetate =	1)	N/A	
Volatile Organic	Compounds (VC	)C)		0 g/L				•	
Solubility in Wat	ter	None							
Appearance and	d Odor	Viscous	liquid. Mild c	haracteristic	c odor.				
SECTION	IV - FIRE a		PLOSION H						
Flash Point (Clo	sed Cup Method	)			Flammable Lim	nits	LEL	UEL	
				485°F			N/A	N/A	
Extinguishing M	ledia		Foam, CO <sub>2</sub> , D	Pry Chemica	al, Water Spray.				
Special Firefight	ting Procedures			-					
Firefighters sh	nould wear full	emergenc	y equipment wi	ith self-cont	tained breathing a	apparatus.			
Unusual Fire an	d Explosion Haza	ards							
Cool fire - ex	posed containe	rs with co	old water spray t	to prevent p	oressure build - up	o that may ruptur	e the		
container. Co	ombustion prod	lucts may	be toxic.						
SECTION	V - REACT		DATA						
Stability	Unstable		Conditions to Av	oid					
	Stable	Х	Excess heating	g over long	periods of time de	egrades the resin			
Incompatibility (	Materials to Avoid		Uncontrolled r			<u>×</u>			
Hazardous Dec	omposition or Byp	products			on Monoxide, Ca	rbon Dioxide, Ni	itrogen Oxide, A	Idehydes.	
Hazardous	May Occur		Conditions to Av		,	,	<b>~</b> /	*	
Polymerization	Will Not Occur	Х	Uncontrolled r	eaction wit	h amines.				

Route(s) of Ent	<b>n</b> //	Inhalation?	Skin?	Incontion?
	ıy.	YES	YES	Ingestion? YES
Signs and Sym	ptoms of Exposure	Irritation on skin.	1125	115
	(Acute and Chronic)			
ACUTE - Irri	tation on skin and d	lermatitis.		
CHRONIC -	Repeated overexpo	sure will cause severe skin	irritation, dermatitis and sensiti	itization.
	Sensitized persons	may experience rapid irrit	tation of skin upon exposure.	
Carcinogenicity	:	NTP?	IARC Monographs?	OSHA Regulated?
		NO	NO	NO
Medical Conditi	ons Generally Aggrava	ated by Exposure		
Allergy, skin				
Emergency and	First Aid Procedures			
EYES - Flus	h with water, holdin	g lids open for 15 minutes	or more. Call physician for a	dvice if necessary.
SKIN - PRO	MPTLY wash with	soap and water. DO NOT	wash with solvents. Seek me	dical advice if
irrit	ation develops or pe	ersists.		
NHALATIO	N - Move person to	fresh air if effects occur.	If needed, give oxygen or artif	icial respiration
	to improve bre	athing. Consult physician	•	
INGESTION	- Get medical attent	tion immediately. Never g	ive liquids to an unconscious of	or convulsing person.
		s or who are sensitized sho	-	
	Ç			
		L MEASURES		
Respiratory Pro	otection (Specify Type)			
Provide adequ	uate exhaust ventila	tion; use a NIOSH - approv	ved respirator if PELS/TLVS	are exceeded.
Ventilation	Local Exhaust	If needed.	Special None k	nown.
	Mechanical	Adequate exhaust ve	entilation must exhaust AWAY	from applicator.
Protective Glov	110	tural or Neoprene gloves.	Eye ProtectionSplash g	goggles or face shield.
Other Protective	e Clothing or Equipme	nt		
Use rubber ap	oron, face shield and	l appropriate clothing to pr	event contact with skin. Laun	der contaminated
clothing befo	ore reuse. Discard c	ontaminated leather shoes	and canvas sneakers. Protectiv	ve skin creams
help cleaning	g with soap and wate	er, gloves must be still be v	vorn. An eye wash station or a	an adequate supply
	r must be available a	-		
Work/Hygienic	Practices Enf	force careful handling to p	revent splashing. Wash thoro	ughly after use.
SECTION			HANDLING AND USE	
Steps to be Tak	ken in Case Material is	Released or Spilled		
-		-	and dike to prevent spreading.	Cover spill with
-			aminated area with detergent a	-
	r for best results.			
Waste Disposa				
		ral, State, and Local requir	ements	
Dispose in de		fui, Stute, and Escar requi	ements.	
Precautions to I	be Taken in Handling a	and Storing		
Keep contain	ers tightly closed wh	hen not in use.		
Other Precautio		NE KNOWN.		
Prepared by	Murty Bhamidipati			
PLEASE	"The above information to change and the con	is accurate to the best of our know iditions of handling and use, or m D, WITH RESPECT TO THE COM	nisuse, are beyond our control, Dur-A IPLETENESS OR CONTINUING ACC	ndards, and government regulations are subj -Flex, Inc. MAKES NO WARRANTY, EITHI URACY OF THE INFORMATION CONTAINI

DUR-A-FLEX

Polymerizatie Will Not Occur

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## Material Safety Data Sheet

95 Goo	odwin Street, E	East H	artford, CT., C	6108 (8	360) 528-9838	Date Prepared	06/13/2014		
SECTIO	N I - IDENT						HAZARD RATING 0 = Least	Health	3
SECHO	NI-IDENI	IFICA		o #1 Hore	lener: Regular, 1	Fast Cold	0 – Least	Flammability	1
IDENTITY (A	As Used on Label	)			imer, Water Cle	,	1 = Slight 2 = Moderate 3 = Hign	Reactivity	0
	IAME		Epoxy Resin	Curatives			4 = Extreme	Personal Protection	G
SECTIO	N II - PROD	UCT	COMPONE	ENTS	CAS.#		OSHA PEL	ACGIH TLV	
Benzyl Al	cohol				100-51-6		N.E. <sup>1</sup>	N.E.	
3, Aminom	ethyl -3,5,5-Tri	methyl			2855-13-2		N.E.	N.E.	
1, 5 Pentar	nediamine, 2 Me	ethyl			15520-10-2		N.E.	N.E.	
N, Aminoe	ethyl Piperazine				140-31-8		N.E.	N.E.	
Diglycidyl	Ether Bisphend	ol A Ep	oxy Resin		25085-99-8		N.E.	N.E.	
Salicylic A	Acid				69-72-7		N.E.	N.E.	
1, 5 Pentar	1, 5 Pentanediamine, 2 Methyl				15520-10-2		N.E.	N.E.	
Benzene-1,	Benzene-1,3-Dimethaneamine				1477-550		N.E.	N.E.	
Phenol					108-95-2		N.E.	N.E.	
Triphenyl phosphite					101-02-0		N.E.	N.E.	
<sup>1</sup> None Esta	blished								
T.S.C.A. S	tatus - O.K. on a	all abo	ve components.						
					HEMTREC 24-H		ENCY NUMBI	ER 1-800-424-93	00*
		SICAL	_/CHEMICA	1	RACTERISTIC				
Boiling Point				485°F	Specific Gravity	(H2O = 1)		<1	
Vapor Press	ure (mm Hg)			0.02	Melting Point			N/A	
Vapor Densi	ty (AIR = 1)			N/A	Evaporation rate	e (Butyl Acetate =	1)	N/A	
Volatile Orga	anic Compounds (	VOC)		0 g/l					
Solubility in \	Water	Partial	y soluble.						
Appearance	and Odor	Pale ye	llow colored li	quid. Ami	ine odor.				
SECTIO	N IV - FIRE	and	EXPLOSIO	N HAZA	RD DATA				
Flash Point (	Closed Cup Metho	)			Flammable Limit	ts	LEL	UEL	
				220°F			N/A	N/A	
Extinguishin	g Media		Dry chemicals	s, carbon di	oxide, foam, water	spray.			
Special Firef	ighting Procedure	S							
Firefighters	s should wear fu	ll eme	rgency equipme	ent with sel	f-contained breathi	ng apparatus. I	rritating gases n	nay be generated	
by fire.									
Unusual Fire	and Explosion Ha	azards							
Cool expos	sed containers w	ith col	d water spray to	o prevent p	ressure buildup tha	t may rupture th	e containers.		
SECTIO	N V - REAC	TI\/I							
	Unstable		Conditions to Av	/oid					
Stability			-						
Incomnetite !!!		X aid)			hen not in use.				
	ty (Materials to Av		Strong oxidiz						
	Decomposition or E	syprodu	cts Conditions to Av		arbon monoxide, c				
Hazardous	May Occur				Uncontrolled	reaction with e	poxy resins. Av	oid breathing fume	28

generated by hardener and epoxy mixture when not used within established pot life.

Route(s) of Er	ntry:	Inhalation?	Skin?	Ingestion?	
		YES	YES	YES	
Signs and Syn	nptoms of Exposure	Irritation on skin.			
ealth Hazard	Is (Acute and Chronic)				
lote: Persons	with lung disorders or wh	ho are sensitized should not	use this product.		
	ritation on skin and de		·		
CHRONIC -	· Repeated overexpos	ure will cause severe ski	n irritation, dermatitis and	sensitization.	
			itation of skin upon expo		
Carcinogenicit		NTP?	IARC Monographs		
g	<i>.</i>	NO	NO	NO	
Medical Condi	tions Generally Aggravat	ed by Exposure			
	,	Allergy, skin disc	orders.		
Emergency an	d First Aid Procedures				
EYES - Flu	sh with water, holding	glids open for 15 minute	s or more. Call physiciar	for advice if necessary.	
	-	-	Γ wash with solvents. Se		
	tation develops or per	-			
			If needed, give oxygen o	r artificial respiration	
	•	thing. Consult physician		-	
INGESTION	-			ious or convulsing person.	
			5 1	01	
SECTION	NVII - CONTROL	MEASURES			
Respiratory Pr	rotection (Specify Type)				
Provide adeo	quate exhaust ventilati		ved respirator if PELs/TL		
Ventilation	Local Exhaust	If needed.	·	one known.	
	Mechanical	-	ventilation must exhaust		
				lash goggles or face shield.	
		or Neoprene gloves.	Eye Protection Sp	ash goggies of face shield.	
Other Protecti	ve Clothing or Equipment	t U			
Other Protecti Use rubber a	ve Clothing or Equipment	appropriate clothing to p	prevent contact with skin.	Launder contaminated	
Other Protecti Use rubber a	ve Clothing or Equipment	appropriate clothing to p		Launder contaminated	
Other Protecti Use rubber a clothing bef	ve Clothing or Equipment upron, face shield and fore reuse. Discard co	appropriate clothing to p	prevent contact with skin.	Launder contaminated otective skin creams	
Other Protecti Use rubber a clothing bef help cleanin	ve Clothing or Equipment upron, face shield and fore reuse. Discard co	appropriate clothing to p ntaminated leather shoes r, gloves must be still be	prevent contact with skin. and canvas sneakers. Pr	Launder contaminated otective skin creams	
Other Protecti Use rubber a clothing bef help cleanin of clean wate	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area.	prevent contact with skin. and canvas sneakers. Pr	Launder contaminated otective skin creams on or an adequate supply	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev	prevent contact with skin. s and canvas sneakers. Pr worn. An eye wash station	Launder contaminated otective skin creams on or an adequate supply roughly after use.	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev TIONS FOR SAFE	prevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the	Launder contaminated otective skin creams on or an adequate supply roughly after use.	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce <b>I VIII - PRECAU</b> aken in Case Material is F	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev TIONS FOR SAFE Released or Spilled	prevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the	Launder contaminated otective skin creams on or an adequate supply roughly after use.	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protec	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce I VIII - PRECAU aken in Case Material is F tive equipment to prev	appropriate clothing to p ntaminated leather shoes r, gloves must be still be work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill	went splashing. Wash the HANDLING AND	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protec absorbent m	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce I VIII - PRECAU aken in Case Material is F tive equipment to prev	appropriate clothing to p ntaminated leather shoes r, gloves must be still be work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill	prevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> I and dike to prevent spre	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic Steps to be Ta Wear protec absorbent m steam clean	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce I VIII - PRECAU aken in Case Material is F tive equipment to prev materials and collect in er for best results.	appropriate clothing to p ntaminated leather shoes r, gloves must be still be work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill	prevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> I and dike to prevent spre	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protect absorbent m steam clean Waste Dispos	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce N VIII - PRECAU aken in Case Material is F tive equipment to prev naterials and collect in er for best results. al Method	appropriate clothing to p ntaminated leather shoes r, gloves must be still be work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with dete	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protect absorbent m steam clean Waste Dispos	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce N VIII - PRECAU aken in Case Material is F tive equipment to prev naterials and collect in er for best results. al Method	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill to containers. Clean con	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with dete	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protect absorbent m steam clean Waste Dispose Dispose in a	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce N VIII - PRECAU aken in Case Material is F tive equipment to prev naterials and collect in er for best results. al Method	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill to containers. Clean con	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with dete	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protec absorbent m steam clean Waste Dispos Dispose in a	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce N VIII - PRECAU aken in Case Material is F tive equipment to prev naterials and collect in er for best results. al Method ccordance with Federa	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev TIONS FOR SAFE Released or Spilled vent exposure. Stop spill to containers. Clean con al, State, and Local requi	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with dete	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wata Work/Hygienic SECTION Steps to be Ta Wear protec absorbent m steam clean Waste Dispos Dispose in a Precautions to Keep contain	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce N VIII - PRECAU N VIII - PRECAU aken in Case Material is F tive equipment to prev naterials and collect in er for best results. al Method ccordance with Federa be Taken in Handling ar ners tightly closed what	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev TIONS FOR SAFE Released or Spilled vent exposure. Stop spill to containers. Clean con al, State, and Local requi	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with dete	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protec absorbent m steam clean Waste Dispos Dispose in a Precautions to Keep contain Other Precaut	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at practices Enforce <b>N VIII - PRECAU</b> aken in Case Material is F tive equipment to prevent aterials and collect in er for best results. al Method ccordance with Federa obe Taken in Handling ar ners tightly closed who ions NONE	appropriate clothing to p ntaminated leather shoes c, gloves must be still be work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill to containers. Clean con al, State, and Local requi	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with dete	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protec absorbent m steam clean Waste Dispos Dispose in a Precautions to Keep contain Other Precaut	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce N VIII - PRECAU N VIII - PRECAU aken in Case Material is F tive equipment to prev naterials and collect in er for best results. al Method ccordance with Federa be Taken in Handling ar ners tightly closed what	appropriate clothing to p ntaminated leather shoes c, gloves must be still be work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill to containers. Clean con al, State, and Local requi	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with dete	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protec absorbent m steam clean Waste Dispos Dispose in a Precautions to Keep contain Other Precaut	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at practices Enforce <b>N VIII - PRECAU</b> aken in Case Material is F tive equipment to prevent aterials and collect in er for best results. al Method ccordance with Federa obe Taken in Handling ar ners tightly closed what ions NONE Murty Bhamidipati -	appropriate clothing to p ntaminated leather shoes c, gloves must be still be work area. e careful handling to prev TIONS FOR SAFE Released or Spilled yent exposure. Stop spill to containers. Clean con al, State, and Local requi and Storing en not in use. KNOWN. Chemist	orevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> and dike to prevent spre ataminated area with deter arements.	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with gent and water or a	to chan
Other Protecti Use rubber a clothing bef help cleanin of clean wate Work/Hygienic SECTION Steps to be Ta Wear protec absorbent m steam clean Waste Dispos Dispose in a Precautions to Keep contain Other Precaut	ve Clothing or Equipment apron, face shield and fore reuse. Discard co ag with soap and water er must be available at c Practices Enforce <b>N VIII - PRECAU</b> aken in Case Material is F tive equipment to prev naterials and collect in <u>er for best results.</u> al Method ccordance with Federa be Taken in Handling ar ners tightly closed who ions NONE Murty Bhamidipati -	appropriate clothing to p ntaminated leather shoes r, gloves must be still be t work area. e careful handling to prev TIONS FOR SAFE Released or Spilled /ent exposure. Stop spill to containers. Clean con al, State, and Local requi ad Storing en not in use. KNOWN. Chemist	brevent contact with skin. s and canvas sneakers. Pr worn. An eye wash stati- vent splashing. Wash the <b>HANDLING AND</b> I and dike to prevent spre ntaminated area with dete: irements.	Launder contaminated otective skin creams on or an adequate supply roughly after use. JSE ading. Cover spill with	IPLIED,



## Material Safety Data Sheet

95 Goo	dwin Street, E	ast Hart	ford, CT., 061	08 (860) \$	528-9838	Date Prepared	06/13/2014		
SECTION							HAZARD RATING	Health	1
	I - IDENTIF			<b>D</b> '			0 = Least 1 = Slight	Flammability	1
IDENTITY (As U	sed on Label)		Shop Floo		all colors		2 = Moderate 3 = High	Reactivity	0
COMMON NAM			Pigmented Epo				4 = Extreme	Personal Protection	G
SECTION	II - PRODU	ст со	MPONENT	S	CAS.#		OSHA PEL	ACGIH TLV	
Diglycidyl Eth	er Bisphenol A	Epoxy F	Resin		25068-38-6		N.E. <sup>1</sup>	N.E.	
Aliphatic Glyc	idyl Ether Dilu	lent			68609-97-2		N.E.	N.E.	
Titanium Diox	ide				13463-67-7		$15 \text{mg/m}^3$	$10 \text{mg/m}^3$	
Calcium Carbo					1317-65-3		$15 \text{mg/m}^3$	$10 \text{mg/m}^3$	
Aluminum Sili					1332-58-7		15mg/m <sup>3</sup>	2mg/m <sup>3</sup>	
Barium Sulfate	$e^2$				7727-43-7		$10 \text{mg/m}^3$	$10 \text{mg/m}^3$	
Inorganic Iron					1309-37-1		15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	
Chromium(III)	) Oxide Green(	trivalent o	chromium) <sup>*3</sup>		1308-38-9		$1.0 \text{mg/m}^3$	$0.5 \text{mg/m}^3$	
1									
<sup>1</sup> Not Establish									
			Part 372, Sectio						
					e hexavalent chro			s not	
specifically l	isted as a possi	ble carcir	ogen. Only in l	Dark Green a	nd Light Green p	bigmented system	ems.		
	s - O.K. on all			L CHFMT	REC 24-HOUR	FMFRGFN	V NUMBER	1-800-424-930	0*
			IEMICAL C			EMERGEN		1-000-424-750	
Boiling Point				N/A	Specific Gravity	(H2O = 1)		1.2	
Vapor Pressure	(mm Hg)			N/A	Melting Point	. ,		N/A	
Vapor Density (A	AIR = 1)			N/A	Evaporation rate	(Butyl Acetate =	: 1)	>1	
Volatile Organic	Compounds			8 g/L					
Solubility in Wate	er	Not Solu	ble	- 8-					
Appearance and	Odor	Pigmente	ed viscous liqui	d. Mild chara	acteristic odor.				
SECTION	IV - FIRE a								
Flash Point (Clos	sed Cup Method)				Flammable Limit	s	LEL	UEL	
	,			485°F			N/A	N/A	
Extinguishing Me	edia		Water spray, F		v Chemicals.				
Special Firefighti	ing Procedures		1 97	, 2,	, ,				
Wear full prote	ective equipme	nt includi	ng self - contain	ned breathing	apparatus.				
-			-	-					
Unusual Fire and	d Explosion Haza	rds							
Cool storage c	ontainers with	water spr	ay to prevent pr	essure build-	up that may rupt	ure the contain	ers.		
Combustion p	roducts may be	toxic.							
SECTION	V - REACT	IVITY C	ΑΤΑ						
Stability	Unstable		Conditions to Ave	bid					
	Stable	Х	Excess heating	over long pe	riods of time deg	grades the resir	1.		
Incompatibility (N	laterials to Avoid		Uncontrolled r						
Hazardous Deco	mposition or Byp	roducts			rbon monoxide,	Carbon dioxid	e, Nitrogen oxi	des, Aldehydes.	
Hazardous	May Occur		Conditions to Ave	-			-	·	
Polymerization	Will Not Occur	Х	Uncontrolled r	eaction with a	amines.				

	VI - HEALTH HA				
Route(s) of Entry	y:	Inhalation?	Skin?	Ingestion?	
0	h	YES Irritation of skin.	YES	YES	
	toms of Exposure (Acute and Chronic)	Initation of skin.			
	tation of skin and der				
				d sensitization. Sensitized	
		ce rapid irritation of sk			
Persons with l	ung disorders or who	are sensitized should n	ot use this product.		
Carcinogenicity:		NTP?	IARC Monograp	hs? OSHA Regulated?	
		NO	NO	NO	
Medical Conditio	ons Generally Aggravated	by Exposure			
Allergy, skin d					
intergency and	First Aid Procedures				
	-	-		n for advice if necessary.	
SKIN - PRON	MPTLY wash with so	ap and water. DO NOT	Γ wash with solvents. So	eek medical advice if	
	tion develops or persi				
INHALATION	-		If needed, give oxygen of	or artificial respiration	
	-	ing. Consult physician			
INGESTION -	- Get medical attention	n immediately. Never g	give liquids to an uncons	cious or convulsing person.	
		MEASURES			
	ection (Specify Type)	NIOGU			
			oved respirator if PELS/7		
Ventilation	Local Exhaust	If needed.	Special	None known.	
	Mechanical	-	entilation must exhaust	**	
Protective Glove	i (atai	al rubber or Neoprene.	Eye Protection	Splash goggles or face shield.	
	Clothing or Equipment				
-			revent contact with skin.		
-				otective skin creams help	
cleaning with	soap and water, glove	s must still be worn. A	n eye wash station or an	adequate supply of clean	
water must be	available at work area	1.			
Work/Hygienic F	Practices Enfor	ce careful handling to p	prevent splashing. Wash	thoroughly after use.	
SECTION	VIII - PRECAUT	IONS FOR SAFE	HANDLING AND	USE	
Steps to be Take	en in Case Material is Re	leased or Spilled			
Wear protectiv	ve equipment to preve	nt exposure. Stop spill	and dike to prevent spre	ading. Cover spill with	
absorbent mate	erials and collect into	containers. Clean cont	taminated area with deter	gent and water or a steam	
cleaner for bes	st results.				
Waste Disposal	Method				
Dispose in acc	cordance with Federal	, State and Local requir	rements.		
Precautions to b	e Taken in Handling and	Storing			
Keep containe	ers tightly closed wher	not in use.			
Other Precautior	ns NONI	E KNOWN.			
Prepared by Mu	urty Bhamidipati - Chemi	st			
	"The above information is and the conditions of handli RESPECT TO THE COM	accurate to the best of our kn ng and use, or misuse, are be PLETENESS OR CONTINUIN	eyond our control, Dur-A-Flex, In	safety standards, and government regulation c. MAKES NO WARRANTY, EITHER EXPRE ORMATION CONTAINED HEREIN AND DIS vant to his particular use."	ESS OR IMPLIED, WI

DUR-A-FLEX

## Material Safety

		INNOVATI	ON FROM THE F	LOOR UP		Data Sh	eet		
95 Goo	dwin Street, E	East Har	tford, CT., 06 <sup>-</sup>	108 (860)	528-9838	Date Prepared	06/13/2014		
05051011							HAZARD RATING	Health	3
SECTION	I - IDENTIF	ICATIO		Dece 1- 200	FL	1/2 NJ E 70	0 = Least	Flammability	0
IDENTITY (As U	Ised on Label)		Q28 all col	- /	,	, 1/2 NJ, F-70,	1 = Slight 2 = Moderate	Reactivity	0
COMMON NAM	1E:		Natural Sands	/Quartz/Colo	ored Quartz		3 = mign 4 = Extreme	Personal Protection	Е
SECTION	II - PRODU	ICT CO	MPONENT	S	CAS.#		OSHA PEL	ACGIH TLV	
Crystalline Sil	ica (Quartz) <sup>1</sup>				14808-60-7		$10 \text{mg/m}^3$	$0.05 \text{ mg/m}^3$	
-							%Si02+2		
Titanium Diox	kide Pigment				13463-67-7		15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	
Iron Oxide Pig	-				1309-37-1		15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	
Kaolin Clay	2				1332-58-7		15mg/m <sup>3</sup>	2mg/m <sup>3</sup>	
	ide Green (triv	alent chro	omium) <sup>2</sup>		1308-38-9		1.0mg/m <sup>3</sup>	0.5mg/m <sup>3</sup>	
				ored Ouartz	z material for sa	ndblasting.	Tronig in	o to nig, ni	
						cause delayed lung	iniury Long te	rm	
		~ ~ .			•	sabling, and someting			
						can cause cancer in			
		*				ot result in serious a			
						nt chromium. Triva			
						R Part 372, Section		13 1101	
· · · · ·	*		n to be an envir			KT art 572, Section	515.		
Crystannic si	iea (quartz) is i	IOT KHOWI			Laru.				
California Pro	position 65: Cr	ystalline	silica (airborne	particles of	respirable size) is	classified as a subs	stance known to	the	
State of Califo	ornia to be a car	cinogen.							
T.S.C.A. Stat		0							
		E. OR AG	CCIDENT. CA	LL CHEM	TREC 24-HOU	R EMERGENCY N	NUMBER 1-8	00-424-9300*	
		-	HEMICAL C						
Boiling Point				4046°F	Specific Gravity	(H2O = 1)		2.65	
Vapor Pressure	(mm Hg)			N/A	Melting Point	· ·		2930°F	
Vapor Density (/	AIR = 1)			N/A	Evaporation rat	e (Butyl Acetate = 1)		N/A	
Volatile Organic				0 g/L	-				
Solubility in Wat	•	INSOLU		U g/L					
Appearance and			y rounded sand	Various siz	vos No odor				
			PLOSION F						
			LOGICIAI			ite			
Flash Point (Clo	sed Cup Method	)		N/A	Flammable Lim	its		UEL	
Extinguishing M	odia			IN/A			N/A	N/A	
Special Firefight		N/A							
Competible w	-		tio. Uso annuma	dia ammanni	ata fan tha annou	n din a fina			
-	-	-	-		ate for the surrou	nding fire.			
	d Explosion Haza		able, combusti	ble or explos	ive.				
N/A									
	V - REACT	IVITY I	-	void					
Stability	Unstable		Conditions to Av	volu					
	Stable	Х	NONE KNOW	WN.					
Incompatibility (	Materials to Avoid	d)	Hydrofluoric .	Acid and pov	werful oxidizing a	agents.			
Hazardous Deco	omposition or By	products	•	NONE KNO	OWN.				
Hazardous	May Occur		Conditions to Av	/oid					
Polymerization	Will Not Occur	Х	NONE KNOV	VN.					

NONE KNOWN.

Route(s) of Entry:		Inhalation?	Skin?	Ingestion?
		Yes	NO	NO
Signs and Sympto	oms of Exposure	Shortness of breath	and reduced pulmonary func	tion.
lealth Hazards (A	Acute and Chronic)			
ACUTE - NO S	SYMPTOMS			
		f dust may result in resp	iratory disease such as silico	sis nulmonary fibrosis
		2 1	there is "sufficient evidence	
			ed evidence" with respect to	
Carcinogenicity:	red dust to experime	NTP?	IARC Monographs?	OSHA Regulated?
our onrogomenty.		Yes (Respirable Sili		-
Medical Condition	s Generally Aggravate	· •	,	
Lung disorders a	and persons subject	to eye irritation.		
Emergency and Fi	irst Aid Procedures			
EYES - Flush v	with water, holding	lids open for 15 minutes	or more. Call physician for	advice if necessary.
SKIN - PROMI	PTLY wash with so	ap and water. DO NOT	wash with solvents. Seek	nedical advice if
irritatio	on develops or persi	sts.		
INHALATION	-		. If needed, give oxygen or a	rtificial respiration
	-	ing . Consult physician		
				; immediately as directed by a physcian.
	-		n unconscious or convulsing	-
			seases.Sensitization may occ	re to this product include, conjunctivitis
			ed should not use this produ	
SECTION V	II - CONTROL	MEASURES		
Respiratory Protec	ction (Specify Type):	When possible reduce	airborne exposure level. Use su	fficient local exhaust ventilation to reduce
crystalline silica	a level below OSHA	PEL. Use only NIOSH	I approved respirator as outli	ned in 42 CFR 84 and 29 CFR 1910.134
Ventilation L	ocal Exhaust	If needed.	Special Nor	e Known.
	Mechanical	Adequate exhaust ve		Y from applicator and near by people.
Protective Gloves	Natur Clothing or Equipment	al rubber or Neoprene.	Eye Protection Spl	ash proof goggles or face shield.
-				pproved for silica dust when using,
		-		SI (Z88.2), OSHA (29 CFR 1910.134),
		ind MOSH Respirator 1	Decision Logic. Maintain, cie	an and fit test respirators in accordance
with OSHA reg		l creating and breathing	dust	
U			HANDLING AND US	E
Work/Hygienic Pra				
Work/Hygienic Pra		eleased or Spilled		
Work/Hygienic Pra	n in Case Material is Re		if dust is in the air. Silica ma	y be in the air without a visible dust
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe c	n in Case Material is Re	your sight to determine	if dust is in the air. Silica ma	y be in the air without a visible dust
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe c	n in Case Material is Re dust. Do not rely on	your sight to determine	if dust is in the air. Silica ma	y be in the air without a visible dust
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe o cloud. Avoid cre	n in Case Material is Re dust. Do not rely on eation of respirable o	your sight to determine	if dust is in the air. Silica ma	y be in the air without a visible dust
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe c cloud. Avoid cre Waste Disposal M	n in Case Material is Re dust. Do not rely on eation of respirable o lethod	your sight to determine dust	if dust is in the air. Silica ma	
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe c cloud. Avoid cre Waste Disposal M	n in Case Material is Re dust. Do not rely on eation of respirable o lethod	your sight to determine dust		
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe c cloud. Avoid cra Waste Disposal M Dispose waste n	n in Case Material is Re dust. Do not rely on eation of respirable o lethod	your sight to determine dust and fill or as regulated		
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe of cloud. Avoid cro Waste Disposal M Dispose waste n Precautions to be Avoid creation of	n in Case Material is Re dust. Do not rely on eation of respirable o lethod naterial in a sanitary Taken in Handling and of respirable dust. T	your sight to determine dust and fill or as regulated	l by local, state and federal r	
Work/Hygienic Pra SECTION V Steps to be Taken Do not breathe of cloud. Avoid cre Waste Disposal M Dispose waste n Precautions to be	n in Case Material is Re dust. Do not rely on eation of respirable o lethod naterial in a sanitary Taken in Handling and of respirable dust. T	your sight to determine dust y land fill or as regulated d Storing	l by local, state and federal r	
Steps to be Taken Do not breathe c cloud. Avoid cre Waste Disposal M Dispose waste n Precautions to be Avoid creation c Other Precautions	n in Case Material is Re dust. Do not rely on eation of respirable o lethod naterial in a sanitary Taken in Handling and of respirable dust. T	your sight to determine dust land fill or as regulated d Storing Take precaution against Known.	l by local, state and federal r	

						Mater	ial Safe	ety	
			R-A-FL	DOR UP		Data 3	Sheet	-	
95 Goo	odwin Street, Ea	ast Hartfo	ord, CT., 0610	8 (860) 52	8-9838	Date Prepared	06/13/2014		
050710111						-	HAZARD RATING	Health	3
SECTION	- IDENTIFIC				IIIID '		0 = Least 1 = Slight	Flammability	1
IDENTITY (As Us	ed on Label)	Armo	or Top, Ai	mor Top	HH Resi	n	2 = Moderate 3 = Hign	Reactivity	0
COMMON NAME			Blocked Cyclo	aliphatic Diam	ine		4 = Extreme	Personal Protection	G
SECTION I	I - PRODUC	T COM	PONENTS		CAS.#		OSHA PEL	ACGIH TLV	
Blocked Cycloa	aliphatic Diamine	;			Proprietary <sup>2</sup>		N.E. <sup>1</sup>	N.E.	
<sup>1</sup> None Establish	ned								
	irer of the compo	nent states	s that they will	provide additio	onal information	n to a health p	rofessional in the	e	
event of a me	dical emergency.								
	- O.K. on all abo								
,	LEAK, FIRE, ( II - PHYSICA		,			MERGENCY	NUMBER 1-8	800-424-9300*	
Boiling Point					Specific Gravity	(120 - 1)			
Vapor Pressure (n	nm Ha)			N.E.	Melting Point	(120 - 1)		0.8-0.9 N/A	
Vapor Density (Al	0,			N.E. N/A	Evaporation rate		= 1)	N/A N/A	
Volatile Organic C	,			N/A	L'apolation fate	Duryn noerare	')	IN/A	
Solubility in Water	•	Minimal	, Reacts slowly	with water					
Appearance and C			ow colored liqu		or				
••	V - FIRE and								
Flash Point (Close	ed Cup Method)			171ºF	Flammable Limit	.5	LEL N/A	UEL N/A	
Extinguishing Med	tia		Dur chemicale		a foom water (	-	N/A	N/A	
Special Firefightin			Dry chemicals,	, carbon dioxid	e, foam, water s	spray.			
Firefighters sho	ould wear full em	ergency e	uinment with	self-contained l	hreathing annar	atus Irritating	o gases may be g	enerated	
by fire.		ergency et	Julphient with a	sen contained	oreauting appart	atus. minating	5 guses may be g	cherated	
	Explosion Hazards	Rags or	waste soaked wi	th this product ar	nd/or solvents, mag	y spontaneously	combust if imprope	erly discarded. Prior	to
disposal, spread o	out all rags or other	waste to dry	/ before disposal.						
SECTION	/ - REACTIV	אם אדו	ТΔ						
Stability			Conditions to Ave	bid					
	Stable	v	Vaaraa			a at fur-			
Incompatibility (M		Х			not in use, prot				
	nposition or Byprodu	icts	Strong oxidize				sture prior to use		
	May Occur		Conditions to Ave				aldehydes, nitrog	0	
Hazardous Polymerization	Will Not Occur	X			-	-	n hydrolisis in w wtyraldabyda	ater	
-		Λ			isophorone dia	unine and 1800	uryraidenyde		

Deute(e) of East	<b>I</b>	Inheletion 2	Ching	In costing 2
Route(s) of Entr	uy.	Inhalation? YES	Skin? YES	Ingestion? YES
Signs and Sym	ptoms of Exposure	Irritation on skin.	1125	1125
	s (Acute and Chronic)	Note:	Persons with lung disorders	or who are sensitized should not use this product.
ACUTE - Irri	itation on skin and derm	natitis. Corrosive		
THRONIC	Papastad overexposure	will cause severe skin irri	itation dermatitic and ca	neitization
JIIKONIC -	· ·	y experience rapid irritati		
Carcinogenicity	y:	NTP? NO	IARC Monograph	ns? OSHA Regulated?
	· • • • • • • •	· -	NO	NO
/ledical Conditi	ions Generally Aggravated I		lare	
mergency and	d First Aid Procedures	Allergy, skin disord	1015.	
		water holding lide open fo	or 15 minutes or more	all physician for advice if necessary.
		-	er. DO NOT wash with	solvents. Seek medical advice
	tation develops or persis		and also	:Faint maniantian
INHALATIO	·	sh air if effects occur. If no	eeueu, give oxygen or art	inclai respiration
NORGENERAL	-	ng. Consult physician.	11 1	
NGESTION	- Get medical attention	immediately. Never give	liquids to an unconsciou	s or convulsing person.
SECTION	I VII - CONTROL	MEASUDES		
	otection (Specify Type)		haust ventilation. Use a l	NIOSH approved respirator as outlined
		effective for solvent and o		
/entilation	Local Exhaust	Use in confined area		Explosion proof fans when needed.
	Mechanical			· ·
Protective Glov		<b>^</b>	entilation must exhaust A Eye Protection	**
	ve Clothing or Equipment	ural or Neoprene gloves.	Lycriticedion	Splash goggles or face shield.
Loo mubbon ou	mon food shield and an	propriate clothing to preve	ant contact with skin. I a	under contemineted
-		in creams elp cleaning wit		
-		· ·		
An eye wash	i station of an adequate	supply of clean water mus	a de avalladie al work are	a.
Nork/Hygiopia	Drastiaca	<u> </u>		1 11 6
		FOR SAFE U	, Ű	
		ONS FOR SAFE H	ANDLING AND US	
	ken in Case Material is Rele			
-		t exposure. Stop spill and		
absorbent m		containers. Clean contam	inated area with deterger	it and water or a
	er for best results.			
steam cleane		_		
steam cleane Waste Disposa		State, and Local requirem	ients.	
steam cleane Waste Disposa	ccordance with Federal,			
steam cleane Waste Disposa	ccordance with Federal,			
steam cleane Vaste Disposa Dispose in ac	ccordance with Federal, be Taken in Handling and S	Storing		
steam cleane Waste Disposa Dispose in ac Precautions to I				
steam cleane Waste Disposa Dispose in ac Precautions to I Keep contain	be Taken in Handling and S ters tightly closed when			
steam cleane Waste Disposa Dispose in ac Precautions to I Keep contain Other Precautio	be Taken in Handling and S ters tightly closed when	not in use. NE KNOWN.		

			EV		Mater	ial Safe	ty	
		DUR-A-FL			Data S	Sheet		
95 Goo	odwin Street, E	ast Hartford, CT., 06108	8 (860) 528-9	9838	Date Prepared	06/13/2014		
SECTION I						HAZARD RATING 0 = Least	Health	1
			n Coloron	t. all ach	0.110	1 = Slight	Flammability	0
IDENTITY (As Us	ed on Label)		p Coloran		018	2 = Moderate 3 = Hign	Reactivity	-
		· ·	Additive for Ure			4 = Extreme	Personal Protection	G
SECTION I	- PRODUC	T COMPONENTS		CAS.#		OSHA PEL	ACGIH TLV	
	col monomethyl	ether acetate		88917-22-0		NE <sup>1</sup>	NE	
Titanium Dioxic	e			13463-67-7		15mg/m <sup>3</sup> (Dust)	10mmg/m <sup>3</sup>	
Red Iron Oxide				1332-37-2		$10 \text{mg/m}^3$	5mg/m <sup>3</sup>	
Yellow Iron Oxi	de			51274-00-1		NE	NE	
Carbon Black				1333-86-4		3.5mg/m <sup>3</sup> (dust)	3.5mg/m <sup>3</sup> (dust)	
1								
<sup>1</sup> not established								
	O.K. on all abo		CHEMTDEC 2	A HOUD EN	TEDCENCY		0 424 0200*	
		OR ACCIDENT, CALL			IEKGENUI	NUMBER 1-80	0-424-9300*	
		L/CHEMICAL CHA		1				
Boiling Point		DPMA	392°F		rity (H2O = 1)		1.11	
Vapor Pressure (n	0,	77°F	0.05	Melting Point			N/A	
Vapor Density (All	,	DPMA	6.6		ate (Butyl Acetate	,	0.015	
Volatile Organic C	ompounds (VOC)	= 572 grams/iiter	Mixed with Arm	•	•			
O - Lub II to in Mode			Mixed with Arr	mor Top Satir	n System = $82$ g	grams/liter		
Solubility in Water		NOT SOLUBLE.						
Appearance and (		Clear, mild ester-like odor						
SECTION I	/ - FIRE and	EXPLOSION HAZ	ARD DATA					
Flash Point (Close	d Cup Method)			Flammable Li	imits	LEL	UEL	
			186°F	N/A		1.21 vol%	5.35 vol%	
Extinguishing Med		Dry Chemicals,	CO <sub>2</sub> , Universal	Гуре Foam.				
Special Firefightin	g Procedures							
Wear full protec	tive equipment in	ncluding self-contained bre	athing apparatus.	. During a fire	e, HDI vapors a	nd other irritating,		
highly toxic gase	es may be genera	ted by thermal decomposition	ion or combustio	n. Closed cor	ntainer may exp	blode when expose	ed	
		ntaminated with water (CC	D2 evolved).					
Unusual Fire and	Explosion Hazards	3						
Spills of this on ho	t fibrous insulatior	ns may lead to lowering of the	autoignition tempe	eratures resultin	ig in possible spor	ntaneous combustion	1	
SECTION V	- REACTIV	ITY DATA						
Stability	Unstable	Conditions to Avo	id					
	Stable	X Keep containers clo	sed when not in use.	Avoid static dis	scharge. Flammabl	le vapors released at el	levated temps.	
Incompatibility (Ma	aterials to Avoid)		and phosphorus-		-		•	
Hazardous Decon	position or Byproc		Fire may yield c			on dioxide.		
Hazardous	May Occur	X Conditions to Avo						
Polymerization	Will Not Occur		sture or other mater	ials which reac	t with isocvanate	s or temperatures ab	ove 400F.	

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SECTION V	'I - HEALTH HAZ	ARD DATA		
Route(s) of Entry:		Inhalation?	Skin?	Ingestion?
		Yes	YES	Yes
Signs and Sympto	oms of Exposure	Irritation and redn	ess of skin and eyes. Breathin	
Health Hazards (A	cute and Chronic)			
			titis. Inhalation of vapors can	cause nasal
and re	espiratory irritation, dizz	ziness, headache, naus	ea.	
CHRONIC - pro	olonged or repeated expo	osure to vapors may ca	ause lung damage as wel l as ir	ncreased sensitivity.
Carcinogenicity:		NTP?	IARC Monographs?	? OSHA Regulated?
		NO	NO	NO
Medical Condition	s Generally Aggravated by	/ Exposure		
	respiratory disorders(brond irst Aid Procedures	chitis, emphysema, hyper	reactivity), skin allergies, eczema.	
EYES - Flush w	vith water, holding lids of	open for 15 minutes of	more. Call physician for adv	ice if necessary.
Skin - remove co	ontaminate clothing. Cl	ean affected area with	mild soap and water. If irritat	ion or redness
develops, see	ek medical attention.			
INHALATION-	move person away from	m source of exposure	and into fresh air. If person is	not breathing,
give artificia	l respiration and seek m	edical attention imme	diately. If breathing difficulty	develops, give
oxygen and	seek medical attention	immediately.		
**NOTE** PE	ERSONS WITH LUNG	DISORDERS OR W	HO ARE SENSITIZED SHO	ULD NOT USE THIS
P	RODUCT.			
	II - CONTROL M			
Respiratory Protect	ction (Specify Type)	Provide adequate	exhaust ventilation. Use a NIC	SH approved respirator as outlined
in 42 CFR 84 an	d 29 CFR 1910.134 eff	fective for solvent and	diisocyanate vapors.	
Ventilation	Local Exhaust	Use in confined ar	eas. Special	Explosion proof fans when needed.
	Mechanical	Must be sufficient	to maintain area below establi	shed TLV/PEL.
Protective Gloves	Neopr	ene rubber gloves.	Eye Protection	Splash proof goggles.
Other Protective C	lothing or Equipment			
Use other protec	tive equipment such as	rubber aprons and a fa	ace shield if danger of splashin	g is possible.
-		-	FORCE GOOD HYGIENE P	
-		-	ors, mists or fumes must be mi	
8F	8			
Work/Hygienic Pra	actices Laund	ler contaminated cloth	ing before use. Dispose conta	minated leather shoes
SECTION V	III - PRECAUTIO	NS FOR SAFE	HANDLING AND USE	
	in Case Material is Release			
			. Add sand, earth or other abs	orbent to spill
	-		inimize breathing vapors and	-
			, flammable vapors from absor	-
Waste Disposal M			· · · · · · · · · · · · · · · · · · ·	
-	ccordance with local, st	ate and federal regula	tions	
	Taken in Handling and Sto	-		hen not in use and away from excessive
	DO NOT pressurize, cu			ten not in use and away noin excessive
Other Precautions	-		-	
	Store	in an USHA approved	area for flammable materials.	
	ty Bhamidipati - Chemist			
PLEASE NOTE	conditions of handling and us	e, or misuse, are beyond ou		Indards, and government regulations are subject to change and the WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE EIN AND use."

//				Mater	ial Safe	ety	
	UR-A-FL			Data S	Sheet		
95 Goodwin Street, East H	artford, CT., 0610	8 (860) 5	28-9838	Date Prepared	06/13/2014		
					HAZARD RATING	Health	2
SECTION I - IDENTIFICAT		TT 1			0 = Least 1 = Slight	Flammability	2
DENTITY (As Used on Label)	Armor To				2 = Moderate 3 = Hign	Reactivity	1
COMMON NAME	Aliphatic Polyiso		n Solution		4 = Extreme	Personal Protection	G
SECTION II - PRODUCT C	OMPONENTS		CAS.#		OSHA PEL	ACGIH TLV	
Homopolymer of HDI			28182-81-2		N.E. <sup>1</sup>	N.E.	
Hexamethylene Diisocyanate (HDI)	2		822-06-0		N.E.	0.005ppm	
Dimethyl Ester			Proprietary		N.E.	N.E.	
Methyl-1,3-dioxolan-2-one			108-32-7		N.E.	N.E.	
not established Residual monomer content is less th	nan 0.5% based on r	esin solids at	the time of mar	ufacture.			
T.S.C.A. Status - O.K. on all above of	•						
FOR SPILL, LEAK, FIRE, OR	ACCIDENT, CAL			R EMERGEN	ICY NUMBER	1-800-424-9300	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/(	ACCIDENT, CAL CHEMICAL CH	IARACTE			ICY NUMBER	<b>1-800-424-930</b>	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point	ACCIDENT, CAL CHEMICAL CH DPMA 3		RISTICS		ICY NUMBER		0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point 'apor Pressure (mm Hg)	ACCIDENT, CAL CHEMICAL CH DPMA 3 HDI 4	IARACTE 92°F	RISTICS Specific Gravity	(H2O = 1)		1.11	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point /apor Pressure (mm Hg) /apor Density (AIR = 1)	ACCIDENT, CAL CHEMICAL CH DPMA 3 HDI 4 DPMA 6	<b>IARACTE</b> 92°F .7 x 10 <sup>-7</sup>	RISTICS Specific Gravity Melting Point	(H2O = 1)		1.11 N/A	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( toiling Point 'apor Pressure (mm Hg) 'apor Density (AIR = 1) 'olatile Organic Compounds (VOC) = Nil	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6	<b>IARACTE</b> 92°F .7 x 10 <sup>-7</sup>	RISTICS Specific Gravity Melting Point	(H2O = 1)		1.11 N/A	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( oiling Point apor Pressure (mm Hg) apor Density (AIR = 1) folatile Organic Compounds (VOC) = Nit olubility in Water NOT	ACCIDENT, CAL CHEMICAL CH DPMA 3 HDI 4 DPMA 6	<b>IARACTE</b> 92°F .7 x 10 <sup>-7</sup> .6	RISTICS Specific Gravity Melting Point	(H2O = 1)		1.11 N/A	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( roiling Point dapor Pressure (mm Hg) dapor Density (AIR = 1) dolatile Organic Compounds (VOC) = Nil colubility in Water NOT ppearance and Odor Clear	ACCIDENT, CAL CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r.	RISTICS Specific Gravity Melting Point Evaporation rate	(H2O = 1)		1.11 N/A	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( toiling Point apor Pressure (mm Hg) apor Density (AIR = 1) folatile Organic Compounds (VOC) = Nil solubility in Water NOT ppearance and Odor Clear SECTION IV - FIRE and EX	ACCIDENT, CAL CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r.	RISTICS Specific Gravity Melting Point Evaporation rate	(H2O = 1) (Butyl Acetate =		1.11 N/A	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( oiling Point apor Pressure (mm Hg) apor Density (AIR = 1) folatile Organic Compounds (VOC) = Nil olubility in Water NOT ppearance and Odor Clear SECTION IV - FIRE and EX	ACCIDENT, CAL CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r.	RISTICS Specific Gravity Melting Point Evaporation rate	(H2O = 1) (Butyl Acetate =	1)	1.11 N/A 0.015	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point /apor Pressure (mm Hg) /apor Density (AIR = 1) /olatile Organic Compounds (VOC) = Nil Solubility in Water NOT sppearance and Odor Clear SECTION IV - FIRE and E2 Flash Point (Closed Cup Method)	ACCIDENT, CAL CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. <b>ZARD DA</b>	RISTICS Specific Gravity Melting Point Evaporation rate	(H2O = 1) (Butyl Acetate =	1) LEL	1.11 N/A 0.015 UEL	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( toiling Point "apor Pressure (mm Hg) "apor Density (AIR = 1) "apor Density (AIR = 1) "appearance and Odor Clear SECTION IV - FIRE and E lash Point (Closed Cup Method)	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. <b>ZARD DA</b>	RISTICS Specific Gravity Melting Point Evaporation rate	(H2O = 1) (Butyl Acetate =	1) LEL	1.11 N/A 0.015 UEL	0*
FOR SPILL, LEAK, FIRE, OR   SECTION III - PHYSICAL/(   oiling Point   apor Pressure (mm Hg)   apor Density (AIR = 1)   olatile Organic Compounds (VOC) = Nil   olubility in Water   NOT   ppearance and Odor   Clear   SECTION IV - FIRE and EX   lash Point (Closed Cup Method)   xtinguishing Media   pecial Firefighting Procedures	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, C	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa	RISTICS Specific Gravity Melting Point Evaporation rate TA Flammable Limit N/A al Type Foam.	(H2O = 1) (Butyl Acetate =	1) LEL 4.22%	1.11 N/A 0.015 UEL 12.87%	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point /apor Pressure (mm Hg) /apor Density (AIR = 1) /olatile Organic Compounds (VOC) = Nil Solubility in Water NOT Solubility in Water NOT Spearance and Odor Clear SECTION IV - FIRE and E2 Flash Point (Closed Cup Method) Extinguishing Media Special Firefighting Procedures Wear full protective equipment inclu	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, O	<b>IARACTE</b> 92°F .7 x 10 <sup>-7</sup> .6 r. <b>ZARD DA</b> 110°F CO <sub>2</sub> , Universa breathing app	RISTICS Specific Gravity Melting Point Evaporation rate VA Flammable Limit N/A al Type Foam.	(H2O = 1) (Butyl Acetate = :s a fire, HDI vap	1) LEL 4.22%	1.11 N/A 0.015 UEL 12.87%	0*
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point (apor Pressure (mm Hg) (apor Density (AIR = 1) (olatile Organic Compounds (VOC) = Nil Solubility in Water NOT oppearance and Odor Clear SECTION IV - FIRE and EX (ash Point (Closed Cup Method) Extinguishing Media Special Firefighting Procedures Wear full protective equipment inclu- tighly toxic gases may be generated o extreme heat or burst when contai	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, C Iding self-contained by thermal decomposition of the second minated with water	IARACTE 92°F .7 x $10^{-7}$ .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa breathing app osition or com (CO2 evolved	RISTICS Specific Gravity Melting Point Evaporation rate VA Flammable Limit N/A al Type Foam. paratus. During abustion. Close d).	(H2O = 1) (Butyl Acetate = s a fire, HDI vap d container ma	1) LEL 4.22% Doors and other im ay explode when	1.11 N/A 0.015 UEL 12.87%	
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( apoint fapor Pressure (mm Hg) fapor Density (AIR = 1) folatile Organic Compounds (VOC) = Nil folatile Organic Compounds (VO	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, C ding self-contained by thermal decomposition of the second by thermal decomposition of the second second of the second of	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa breathing app osition or com (CO2 evolved vith this product	RISTICS Specific Gravity Melting Point Evaporation rate VA Flammable Limit N/A al Type Foam. paratus. During abustion. Close d).	(H2O = 1) (Butyl Acetate = s a fire, HDI vap d container ma	1) LEL 4.22% Doors and other im ay explode when	1.11 N/A 0.015 UEL 12.87%	
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point /apor Pressure (mm Hg) /apor Density (AIR = 1) /olatile Organic Compounds (VOC) = Nil Solubility in Water NOT Appearance and Odor Clear SECTION IV - FIRE and EX Flash Point (Closed Cup Method) Extinguishing Media Special Firefighting Procedures Wear full protective equipment inclu highly toxic gases may be generated o extreme heat or burst when contar Junusual Fire and Explosion Hazards Ra lisposal, spread out all rags or other was	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, C Dry Chemicals, C uding self-contained by thermal decompo- minated with water ags or waste soaked w.	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa breathing app osition or com (CO2 evolved vith this product	RISTICS Specific Gravity Melting Point Evaporation rate VA Flammable Limit N/A al Type Foam. paratus. During abustion. Close d).	(H2O = 1) (Butyl Acetate = s a fire, HDI vap d container ma	1) LEL 4.22% Doors and other im ay explode when	1.11 N/A 0.015 UEL 12.87%	
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( Boiling Point /apor Pressure (mm Hg) /apor Density (AIR = 1) /olatile Organic Compounds (VOC) = Nil Solubility in Water NOT Appearance and Odor Clear SECTION IV - FIRE and E2 Flash Point (Closed Cup Method) Extinguishing Media Special Firefighting Procedures Wear full protective equipment inclu highly toxic gases may be generated o extreme heat or burst when contar Junusual Fire and Explosion Hazards R tisposal, spread out all rags or other was	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, C Dry Chemicals, C uding self-contained by thermal decompo- minated with water ags or waste soaked w.	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa breathing app osition or com (CO2 evolved with this product ial.	RISTICS Specific Gravity Melting Point Evaporation rate VA Flammable Limit N/A al Type Foam. paratus. During abustion. Close d).	(H2O = 1) (Butyl Acetate = s a fire, HDI vap d container ma	1) LEL 4.22% Doors and other im ay explode when	1.11 N/A 0.015 UEL 12.87%	
FOR SPILL, LEAK, FIRE, OR SECTION III - PHYSICAL/( oiling Point apor Pressure (mm Hg) apor Density (AIR = 1) olatile Organic Compounds (VOC) = Nil olubility in Water NOT ppearance and Odor Clear SECTION IV - FIRE and E lash Point (Closed Cup Method) xtinguishing Media pecial Firefighting Procedures Vear full protective equipment inclu ighly toxic gases may be generated of extreme heat or burst when contai insual Fire and Explosion Hazards R isposal, spread out all rags or other was	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, C ding self-contained by thermal decompo- minated with water ags or waste soaked w te to dry before dispose	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa breathing app osition or com (CO2 evolvect with this product ial.	RISTICS Specific Gravity Melting Point Evaporation rate VA Flammable Limit N/A al Type Foam. paratus. During nbustion. Close d).	(H2O = 1) (Butyl Acetate = (Butyl Acetat	1) LEL 4.22%	1.11   N/A   0.015   UEL   12.87%   itating,   exposed   operly discarded. Pr	
FOR SPILL, LEAK, FIRE, OR   SECTION III - PHYSICAL/(   oiling Point   apor Pressure (mm Hg)   apor Density (AIR = 1)   olatile Organic Compounds (VOC) = Nil   olatile Organic Compounds (VOC) = Nil   olubility in Water NOT   poearance and Odor Clear   SECTION IV - FIRE and E2   Alash Point (Closed Cup Method)   xtinguishing Media   pecial Firefighting Procedures   Vear full protective equipment incluighly toxic gases may be generated of extreme heat or burst when containusual Fire and Explosion Hazards Raisposal, spread out all rags or other was   SECTION V - REACTIVITY   tability   Unstable   Stable X	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. , mild ester-like odo XPLOSION HA Dry Chemicals, C ding self-contained by thermal decompo- minated with water ags or waste soaked w ite to dry before dispose Y DATA Conditions to Avoid	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa breathing app osition or con (CO2 evolvec ith this product ial.	RISTICS Specific Gravity Melting Point Evaporation rate TA Flammable Limit N/A al Type Foam. baratus. During nbustion. Close d). and/or solvents, f e. Avoid static disch	(H2O = 1) (Butyl Acetate = (Butyl Acetat	1) LEL 4.22%	1.11   N/A   0.015   UEL   12.87%   itating,   exposed   operly discarded. Pr	
*FOR SPILL, LEAK, FIRE, OR   SECTION III - PHYSICAL/(   Boiling Point   Vapor Pressure (mm Hg)   Vapor Density (AIR = 1)   Volatile Organic Compounds (VOC) = Nil   Solubility in Water   NOT   Appearance and Odor   Clear   SECTION IV - FIRE and EX   Flash Point (Closed Cup Method)   Extinguishing Media   Special Firefighting Procedures   Wear full protective equipment inclub   highly toxic gases may be generated   to extreme heat or burst when contat   Unusual Fire and Explosion Hazards   Risposal, spread out all rags or other was   SECTION V - REACTIVITY   Stability Unstable	ACCIDENT, CAI CHEMICAL CH DPMA 3 HDI 4 DPMA 6 SOLUBLE. mild ester-like odo XPLOSION HA Dry Chemicals, C Dry Chemicals, C ding self-contained by thermal decompo- minated with water ags or waste soaked with te to dry before dispose YDATA Conditions to Avoid Keep containers close Avoid oxidizers a	IARACTE 92°F .7 x 10 <sup>-7</sup> .6 r. ZARD DA 110°F CO <sub>2</sub> , Universa breathing app osition or com (CO2 evolved ith this product ial.	RISTICS Specific Gravity Melting Point Evaporation rate TA Flammable Limit N/A al Type Foam. baratus. During nbustion. Close d). and/or solvents, f e. Avoid static disch	(H2O = 1) (Butyl Acetate = (Butyl Acetate = (H2O = 1) (Butyl Acetate = (H2O = 1) (Butyl Acetate = (H2O = 1) (Butyl Acetate = (H2O = 1) (Butyl Acetate = (Butyl Acetate = (H2O = 1) (Butyl Acetate = (H2O = 1) (H2O = 1) (Butyl Acetate = (H2O = 1) (H2O	1) LEL 4.22% bors and other im ty explode when sly combust if impr vapors released at ele	1.11   N/A   0.015   UEL   12.87%   itating,   exposed   operly discarded. Pr	

Contact with moisture or other materials which react with isocyanates or temperatures above 400F.

Polymerization

Will Not Occur

	ry:	Inhalation?	Skin?	Ingestion?
iano and Sum	ptoms of Exposure	Yes Irritation and reduc	YES ess of skin and eyes. Breathing	Yes g difficulty
	(Acute and Chronic)	initiation and reality	is of skill and eyes. Dreading	5 difficulty.
		a can cause irritation de	rmatitis. Inhalation of vapors	con couse negal
-			-	can cause nasar
		n, dizziness, headache, n		
- HRUNIC -	prolonged or repeate	a exposure to vapors ma	y cause lung damage as wel l	as increased sensitivity.
Carcinogenicity	<i>r</i> .	NTP?	IARC Monographs?	OSHA Regulated?
j,	-	NO	NO	NO
ledical Condit	ions Generally Aggrava	ted by Exposure		
		s(bronchitis, emphysema, h	yperreactivity), skin allergies, ecz	ema.
mergency and	I First Aid Procedures			
EYES - Flus	h with water, holding	g lids open for 15 minute	es or more. Call physician for	advice if necessary.
kin - remov	e contaminate clothir	ng. Clean affected area v	vith mild soap and water. If in	ritation or redness
develops,	seek medical attention	on.		
NHALATIO	N- move person aw	ay from source of exposi-	ure and into fresh air. If perso	n is not breathing,
give artif	icial respiration and s	seek medical attention im	mediately. If breathing difficu	alty develops, give
oxygen a	and seek medical atte	ention immediately.		
**NOTE**		LUNG DISORDERS OR	WHO ARE SENSITIZED S	HOULD NOT USE THIS
SECTION	PRODUCT.			
	tection (Specify Type)		exhaust ventilation. Use a NIO	SH approved respirator as outlined
		-		
	and 29 CFR 1910.1	134 effective for solvent Use in confined are		on most for when readed
-	Mechanical		to maintain area below establi	on proof fans when needed.
Protective Glov		ne rubber gloves.	Eye Protection Splash	
	e Clothing or Equipmer			
Ise other pro	tective equipment su	ich as rubber aprons and	a face shield if danger of splas	shing is possible
-		-	ENFORCE GOOD HYGIEN	
-		-	apors, mists or fumes must be	
moking of 0			is higher than established leve	
upplied resp			before use. Dispose contamin	
Vork/Hygienic		TIONS FOR SAFE	E HANDLING AND US	)E
Work/Hygienic	VIII - PRECAU		E HANDLING AND US	E
Work/Hygienic SECTION Steps to be Tal	VIII - PRECAU ken in Case Material is	Released or Spilled		
Vork/Hygienic SECTION Steps to be Tal	VIII - PRECAU ken in Case Material is eliminate all ignition	Released or Spilled sources. Keep people av	vay. Add sand, earth or other	absorbent to spill
Vork/Hygienic SECTION Steps to be Tal Shut off and ourea. Ventila	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces.	Released or Spilled sources. Keep people av Open windows and doors	vay. Add sand, earth or other s, minimize breathing vapors a	absorbent to spill nd skin contact. Keep
Work/Hygienic SECTION Steps to be Tal Shut off and ourea. Ventila	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. O wers by diking. Obs	Released or Spilled sources. Keep people av Open windows and doors	vay. Add sand, earth or other	absorbent to spill nd skin contact. Keep
Work/Hygienic SECTION Steps to be Tal Shut off and area. Ventila spill out of se Waste Disposa	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. O wers by diking. Obs	Released or Spilled sources. Keep people av Open windows and doors erve precautions for vola	vay. Add sand, earth or other s, minimize breathing vapors a tile, flammable vapors from al	absorbent to spill nd skin contact. Keep
Vork/Hygienic SECTION Steps to be Tal Shut off and urea. Ventila spill out of se Vaste Disposa	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. O wers by diking. Obs	Released or Spilled sources. Keep people av Open windows and doors	vay. Add sand, earth or other s, minimize breathing vapors a tile, flammable vapors from al	absorbent to spill nd skin contact. Keep
Vork/Hygienic SECTION Steps to be Tal Shut off and ourea. Ventila spill out of se Vaste Disposa ncineration i	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. O wers by diking. Obs	Released or Spilled sources. Keep people av Open windows and doors erve precautions for vola ocal, state, and federal reg	vay. Add sand, earth or other s, minimize breathing vapors a tile, flammable vapors from al gulations.	absorbent to spill nd skin contact. Keep
Vork/Hygienic SECTION Steps to be Tal Shut off and a rea. Ventila spill out of se Vaste Disposa incineration i	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. ( wers by diking. Obs I Method n accordance with lo be Taken in Handling a	Released or Spilled sources. Keep people av Open windows and doors erve precautions for vola ocal, state, and federal reg nd Storing Keep	vay. Add sand, earth or other s, minimize breathing vapors a tile, flammable vapors from al gulations.	absorbent to spill and skin contact. Keep bsorbed material.
Nork/Hygienic SECTION Steps to be Tal Shut off and a rea. Ventila spill out of se Naste Dispose Incineration i Precautions to neat and flam	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. O wers by diking. Obs Method n accordance with lo be Taken in Handling a te. DO NOT pressur	Released or Spilled sources. Keep people av Open windows and doors erve precautions for vola ocal, state, and federal reg nd Storing Keep rize, cut, weld, solder, dri	vay. Add sand, earth or other s, minimize breathing vapors a tile, flammable vapors from al gulations.	absorbent to spill and skin contact. Keep bsorbed material.
Work/Hygienic SECTION Steps to be Tal Shut off and a area. Ventila spill out of se Waste Disposa Incineration i Precautions to heat and flam Other Precautio	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. O wers by diking. Obs Method n accordance with lo be Taken in Handling a te. DO NOT pressur	Released or Spilled sources. Keep people av Open windows and doors erve precautions for vola ocal, state, and federal reg nd Storing Keep rize, cut, weld, solder, dri a an OSHA approved are	vay. Add sand, earth or other s, minimize breathing vapors a tile, flammable vapors from al gulations. containers tightly closed when ll or grind the containers.	absorbent to spill and skin contact. Keep bsorbed material.
Work/Hygienic SECTION Steps to be Tal Shut off and a rea. Ventila spill out of se Vaste Dispose Incineration i Precautions to heat and flam Other Precautio Prepared by	VIII - PRECAU ken in Case Material is eliminate all ignition te confined spaces. O wers by diking. Obs I Method n accordance with lo be Taken in Handling a le. DO NOT pressur ons Store in Murty Bhamidipati - Che "The above information is	Released or Spilled sources. Keep people av Open windows and doors erve precautions for vola ecal, state, and federal reg nd Storing Keep rize, cut, weld, solder, dri a an OSHA approved are emist accurate to the best of our know	vay. Add sand, earth or other s, minimize breathing vapors a tile, flammable vapors from al gulations. containers tightly closed when ll or grind the containers. a for flammable materials.	absorbent to spill and skin contact. Keep bsorbed material.

		DU				Mater	ial Safe	ety	
		INNOVATI	R-A-FL	OOR UP		Data	Sheet		
95 Goo	odwin Street, Ea	ast Hartfo	ord, CT., 06108	(860) 52	8-9838	Date Prepared	06/13/2014	<b>I</b>	
SECTION	- IDENTIFIC						HAZARD RATING 0 = Least	Health	3
				n Cotin	Dagin		1 = Slight	Flammability	0
IDENTITY (As Us	sed on Label)		Armor To	1			2 = Moderate 3 = Hign	Reactivity	-
COMMON NAME		-	Blocked Cycloa	liphatic Dian			4 = Extreme	Personal Protection	G
SECTION I	I - PRODUC	т сом	PONENTS		CAS.#		OSHA PEL	ACGIH TLV	
	aliphatic Diamine	•			Proprietary <sup>1</sup>		N.E. <sup>2</sup>	N.E.	
Polypropylene	Wax				Proprietary		N.E.	N.E.	
Dimethyl Ester					Proprietary		N.E.	N.E.	
2									
<sup>2</sup> None Establish	ned								
2									
	irer of the compo		s that they will p	rovide additi	onal informatio	on to a health p	rofessional in the	e	
event of a me	dical emergency.								
	s - O.K. on all abo					MEDGENOV			
· · · · · · · · · · · · · · · · · · ·	LEAK, FIRE, O		,			MERGENCY	NUMBER 1-8	300-424-9300*	
Boiling Point						(H2O = 1)			
Vapor Pressure (r	nm Ha)			N.E.	Specific Gravity	(H2O = 1)		0.8-0.9	
Vapor Pressure (r Vapor Density (Al	0,			N.E.	Melting Point	e (Butyl Acetate =	4)	N/A	
	,		Γ	N/A			- 1)	N/A	
Volatile Organic C			<b>D</b>						
Solubility in Wate			Reacts slowly w						
Appearance and (			ow colored liquid						
SECTION I	V - FIRE and		OSION HAZ	ARD DAT	A				
Flash Point (Close	ed Cup Method)				Flammable Lim	its	LEL	UEL	
				110ºF			4.22%	12.87%	
Extinguishing Med			Dry chemicals,	carbon dioxid	le, foam, water	spray.			
Special Firefightin	ig Procedures								
Firefighters sho	ould wear full em	ergency ea	quipment with se	elf-contained	breathing appa	ratus. Irritating	g gases may be ge	enerated	
by fire.									
	Explosion Hazards but all rags or other v			with this produ	ct and/or solvents	s, may spontaneou	usly combust if imp	properly discarded. P	rior to
SECTION \	/ - REACTIV	ITY DA	ТА						
Stability	Unstable		Conditions to Avoid	d					
	Stable	X	Keep container	closed when	not in use pro	tect from moist	lira		
Incompatibility (M		11	-				ture prior to use		
	nposition or Byprodu	ucts					aldehydes, nitrog	nen	
	May Occur		Conditions to Avoi						
Hazardous Polymerization	Will Not Occur	X			-	amine and isob	n hydrolisis in w utvraldehyde	aiCI	
I		1			isophotolie di	annie and 1800	aryraidenyde		

Route(s) of Entry	/:	Inhalation?	Skin?	Ingestion?
		YES	YES	YES
Signs and Symp	toms of Exposure	Irritation on skin.		
Health Hazards	(Acute and Chronic)	Note:	Persons with lung disorders or wh	o are sensitized should not use this product.
ACUTE - Irrit	ation on skin and derr	matitis. Corrosive		
CHRONIC - 1	Repeated overexposur	e will cause severe skin irri	itation, dermatitis and sensitiz	ation.
		ay experience rapid irritati		
Carcinogenicity:	I	NTP?	IARC Monographs?	OSHA Regulated?
2 di ontogoniony i		NO	NO	NO
Medical Condition	ons Generally Aggravated			
	ne constany riggiaratea	Allergy, skin disord	lers.	
Emergency and	First Aid Procedures	, shin alsolu	· · · · ·	
EYES - COR	<b>ROSIVE</b> : Flush with	water, holding lids open for	or 15 minutes or more. Call pl	hysician for advice if necessary.
			er. DO NOT wash with solv	
	tion develops or persi	-		ents. Seek incurcal auvice
			adad give awyoon as attended	1 respiration
MALATION	-		eeded, give oxygen or artificia	птернацон
DIODOTION	-	ing . Consult physician.	1 1	
INGESTION -	Get medical attentior	n immediately. Never give	liquids to an unconscious or c	convulsing person.
CECTION		MEACUDEC		
	VII - CONTROL ection (Specify Type)		hand an effective that a NICC	
		-		SH approved respirator as outlined
		4 effective for solvent and o	· · ·	
Ventilation	Local Exhaust	Use in confined area	1	losion proof fans when needed.
	Mechanical	*	entilation must exhaust AWA	**
Protective Glove	110	tural or Neoprene gloves.	Eye Protection Spla	sh goggles or face shield.
Jther Protective	Clothing or Equipment			
Use rubber ap	ron, face shield and ap	ppropriate clothing to preve	ent contact with skin. Launde	r contaminated
clothing befor	re reuse. Discard cont	taminated leather shoes and	l canvas sneakers. Protective	skin creams
help cleaning	with soap and water,	gloves must be still be wor	n. An eye wash station or an	adequate supply
of clean water	must be available at v	vork area.		
Work/Hygienic F	Practices En	force careful handling to p	revent splashing. Wash thoro	ughly after use.
SECTION		<u> </u>	ANDLING AND USE	
	en in Case Material is Rel			
			dike to prevent spreading. C	over spill with
_			inated area with detergent and	
	for best results.	containers. Crean contain	mater area with detergent and	a muter of a
Waste Disposal		State and I am	onto	
Dispose in acc	ordance with Federal	, State, and Local requirem	ients.	
Precautions to b	e Taken in Handling and	Storing		
Keep containe	rs tightly closed when	not in use.		
Other Precaution	ns NC	DNE KNOWN.		
<sup>-</sup> repared by N	lurty Bhamidipati -	Chemist		
		·		dards, and government regulations are subject to change a

						Materi	ai Safet	у	
			JR-A-F			Data S	heet	-	
95 Goodwi	in Street, Ea	st Ha	rtford, CT., 06	6108 (86	0) 528-9838	Date Prepared	6/13/2014		
SECTION I							HAZARD RATING 0 = Least	Health	0
SECTION		ICA		<b>T C</b>	<b>.</b>		1 = Slight	Flammability	-
IDENTITY (As Us	sed on Label)		Armor	Top C	br1t		2 = Moderate	Reactivity	0
COMMON NAME			WHITE ALUN	MINUM OX	IDE		4 = Extreme	Personal Protection	G
SECTION I	I - PRODU	СТ	COMPONE	NTS	CAS.#		OSHA PEL	ACGIH TLV	
Aluminum Oxio	de				1344-28-1		5 mg/m <sup>3</sup> (resp)	$10 \text{ mg/m}^3$	
Other Oxides (7	Total) (SiO2-	+Fe20	O3+Na2O+Mg	O+Tio2)=1%	%				
T.S.C.A. Status					EMTDEC 34 I	IOUR EMERC'	ENICY NUMBER	D 1 900 434 030	00*
*FOR SPILL,	LEAK, FIRE	E, OR	ACCIDENT,				ENCY NUMBEI	R 1-800-424-930	00*
*FOR SPILL, SECTION I	LEAK, FIRE	E, OR	ACCIDENT,	L CHAR	ACTERISTIC	S	ENCY NUMBEI		00*
*FOR SPILL, SECTION I Boiling Point	LEAK, FIRH II - PHYSIO	E, OR	ACCIDENT,	L CHARA N/A	ACTERISTIC Specific Gravity	S	ENCY NUMBEI	3.95	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I	LEAK, FIRE II - PHYSIC mm Hg)	E, OR	ACCIDENT,	<b>L CHAR</b> N/A N/A	ACTERISTIC Specific Gravity Melting Point	<b>S</b> (H2O = 1)		3.95 2070	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al	LEAK, FIRE II - PHYSIC mm Hg) IR = 1)	e, or CAL	ACCIDENT,	L CHARA N/A	ACTERISTIC Specific Gravity Melting Point	S		3.95	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C	LEAK, FIRE III - PHYSIO mm Hg) IR = 1) Compounds (VC	E, OR CAL	RACCIDENT, /CHEMICA	<b>L CHAR</b> N/A N/A	ACTERISTIC Specific Gravity Melting Point	<b>S</b> (H2O = 1)		3.95 2070	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate	LEAK, FIRE II - PHYSIC mm Hg) IR = 1) Compounds (VC er	E, OR CAL () = 1 INS(	NII DLUBLE	L CHAR A N/A N/A N/A	ACTERISTIC Specific Gravity Melting Point	<b>S</b> (H2O = 1)		3.95 2070	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and	LEAK, FIRE III - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor	C, OR CAL DC) = 1 INSC Gran	Nil DLUBLE ular, White, Oc	L CHAR A N/A N/A N/A dorless	ACTERISTIC Specific Gravity Melting Point Evaporation rat	<b>S</b> (H2O = 1)		3.95 2070	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate	LEAK, FIRE III - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor	C, OR CAL DC) = 1 INSC Gran	Nil DLUBLE ular, White, Oc	L CHAR A N/A N/A N/A dorless	ACTERISTIC Specific Gravity Melting Point Evaporation rat	<b>S</b> (H2O = 1)		3.95 2070	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and	LEAK, FIRE II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a	C, OR CAL (C) = 1 INSC Gran nd I	Nil DLUBLE ular, White, Oc	L CHAR A N/A N/A N/A dorless	ACTERISTIC Specific Gravity Melting Point Evaporation rat	(H2O = 1) e (Butyl Acetate =		3.95 2070	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and SECTION I	LEAK, FIRE II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a	C, OR CAL (C) = 1 INSC Gran nd I	Nil DLUBLE EXPLOSIO	L CHAR A N/A N/A N/A dorless	ACTERISTIC Specific Gravity Melting Point Evaporation rat	(H2O = 1) e (Butyl Acetate =	1)	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and SECTION II Flash Point (Close Extinguishing Me	LEAK, FIRH II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method	C, OR CAL (C) = 1 INSC Gran (C)	Nil DLUBLE EXPLOSIO	L CHARA N/A N/A N/A dorless N HAZAF	ACTERISTIC Specific Gravity Melting Point Evaporation rat	(H2O = 1) e (Butyl Acetate =	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and I SECTION II Flash Point (Clos	LEAK, FIRH II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method	C, OR CAL (C) = 1 INSC Gran (C)	Nil DLUBLE EXPLOSIO	L CHARA N/A N/A N/A dorless N HAZAF	ACTERISTIC Specific Gravity Melting Point Evaporation rat	(H2O = 1) e (Butyl Acetate =	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and C SECTION II Flash Point (Closs Extinguishing Me Special Firefightir	LEAK, FIRF II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a red Cup Method redia ng Procedures	2, OR CAL 000) = 1 INSC Gran nd E )	Nil DLUBLE EXPLOSIO	L CHARA N/A N/A N/A dorless N HAZAR	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and C SECTION II Flash Point (Closs Extinguishing Me Special Firefightir	LEAK, FIRH II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method edia ng Procedures th all extinguis	C, OR CAL DC) = 1 INSC Gran nd I	ACCIDENT, /CHEMICA /CHEMICA Nil DLUBLE ular, White, Oc EXPLOSIO N/A	L CHARA N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and SECTION I Flash Point (Close Extinguishing Me Special Firefightir Compatible wit	LEAK, FIRF II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method edia ng Procedures th all extinguis de is not flam	C, OR CAL DC) = 1 INSC Gran nd I ) hing nable	ACCIDENT, /CHEMICA /CHEMICA Nil DLUBLE ular, White, Oc EXPLOSIO N/A	L CHARA N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and SECTION I' Flash Point (Close Extinguishing Me Special Firefightir Compatible wit Aluminum Oxid	LEAK, FIRE II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method edia ng Procedures th all extinguis de is not flam Explosion Haze	C, OR CAL DC) = 1 INSC Gran nd I ) hing nable	ACCIDENT, /CHEMICA /CHEMICA Nil DLUBLE ular, White, Oc EXPLOSIO N/A	L CHARA N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and I SECTION II Flash Point (Close Extinguishing Me Special Firefightir Compatible witt Aluminum Oxid Unusual Fire and	LEAK, FIRE II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method edia ng Procedures th all extinguis de is not flam Explosion Haze	C, OR CAL DC) = 1 INSC Gran nd I ) hing nable	ACCIDENT, /CHEMICA /CHEMICA Nil DLUBLE ular, White, Oc EXPLOSIO N/A	L CHARA N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and I SECTION II Flash Point (Close Extinguishing Me Special Firefightir Compatible witt Aluminum Oxid Unusual Fire and	LEAK, FIRI II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a red Cup Method red Cup Method red a ng Procedures th all extinguis de is not flami Explosion Haza Known.	C, OR CAL DC) =   INSC Gran nd I hing nable	Nil DLUBLE ular, White, Oc EXPLOSIO	L CHARA N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (i Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and C SECTION I Flash Point (Closs Extinguishing Me Special Firefightir Compatible wit Aluminum Oxid Unusual Fire and None K	LEAK, FIRI II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a red Cup Method red Cup Method red a ng Procedures th all extinguis de is not flami Explosion Haza Known.	C, OR CAL DC) =   INSC Gran nd I hing nable	Nil DLUBLE ular, White, Oc EXPLOSIO	L CHAR A N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (I Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and SECTION II Flash Point (Closs Extinguishing Me Special Firefightir Compatible wit Aluminum Oxid Unusual Fire and None K SECTION V Stability	LEAK, FIRI II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method edia ng Procedures th all extinguis de is not flamm Explosion Haza Known.	C, OR CAL DC) =   INSC Gran nd I hing nable ards	ACCIDENT, /CHEMICA /CHEMICA Nil DLUBLE ular, White, Oc EXPLOSIO N/A media. Use any e, combustible of Y DATA	L CHAR A N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (i Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and SECTION I' Flash Point (Clos Extinguishing Me Special Firefightir Compatible wit Aluminum Oxid Unusual Fire and None K SECTION V Stability	LEAK, FIRI II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a ed Cup Method edia ng Procedures th all extinguis de is not flam Explosion Haza Known. / - REACT Unstable Stable	c, OR CAL DC) = 1 INSC Gran nd I N hing mable ards	Nil DLUBLE ular, White, Oc EXPLOSIO N/A media. Use any c, combustible of YDATA Conditions to Av	L CHAR A N/A N/A N/A dorless N HAZAF N/A	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (i Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and i SECTION II Flash Point (Clos Extinguishing Me Special Firefightir Compatible wit Aluminum Oxid Unusual Fire and None K SECTION V Stability L Incompatibility (M	LEAK, FIRI II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a red Cup Method red Cup Method red Cup Method red Cup Method red a ng Procedures th all extinguis de is not flam Explosion Haza Known.	<pre>C, OR C = 0 DC) = 0 INSC Gran nd I N nd I N N N N N N N N N N N N N N N N N N N</pre>	Nil DLUBLE ular, White, Oc EXPLOSION N/A media. Use any c, combustible of Y DATA Conditions to Av None known.	L CHARA N/A N/A N/A dorless N HAZAR N/A y media appr pr explosive.	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*
*FOR SPILL, SECTION II Boiling Point Vapor Pressure (i Vapor Density (Al Volatile Organic C Solubility in Wate Appearance and SECTION I Flash Point (Clos Extinguishing Me Special Firefightir Compatible wit Aluminum Oxid Unusual Fire and None K SECTION V Stability L Incompatibility (M Hazardous Decor	LEAK, FIRI II - PHYSIC mm Hg) IR = 1) Compounds (VC er Odor V - FIRE a red Cup Method red Cup Method red Cup Method red Cup Method red a ng Procedures th all extinguis de is not flam Explosion Haza Known.	<pre>C, OR C = 0 DC) = 0 INSC Gran nd I N nd I N N N N N N N N N N N N N N N N N N N</pre>	Nil DLUBLE ular, White, Oc EXPLOSION N/A media. Use any c, combustible of Y DATA Conditions to Av None known.	L CHARA N/A N/A N/A dorless N HAZAR N/A y media appr pr explosive.	ACTERISTIC Specific Gravity Melting Point Evaporation rat	S (H2O = 1) (Butyl Acetate = its	1) LEL	3.95 2070 N/A	00*

SECTIO	N VI - HEALTH	HAZARD DATA			
Route(s) of E	intry:	Inhalation?	Skin?	Ingestion?	
0. 10		Yes Temporary Inhala	No tion Discomfort	Eyes	
· · · ·	mptoms of Exposure ds (Acute and Chronic)	Temporary mnara	ulon Disconnoit.		
nealth nazai	us (Acute and Chronic)				
ACUTE - N	None known other that	n possible temporary di	iscomfort due to inhalation	of dust concentration.	
CHRONIC	- Potential chronic re	spiratory distress/irrita	tion. Can aggravate pre-ex	isting lung conditions.	
Carcinogenic	bity:	NTP?	IARC Monographs?	OSHA Regulated?	
		NO	NO	NO	
Medical Cond	ditions Generally Aggrav	vated by Exposure			
Emorgonova	and First Aid Procedures	None Known.			
	d eyes apart and flush edical attention.	n with clean water for 1	5 minutes. If irritation or r	edness develops and persists	seek
INHALAT	ION - For inhalation of	discomfort move persor	n to fresh air.		
	N VII - CONTRC Protection (Specify Type		1		.11 1
		· · · · · · · · · · · · · · · · · · ·		NIOSH approved respirator a	as outlined
			nt and diisocyanate vapors.		
Ventilation	Local Exhaust	If necessary.	Special None ]	Known	
	Mechanical	Adequate for dust	· · · · · · · · · · · · · · · · · · ·		
Protective GI	oves Wear g		Eye ProtectionSafety	goggles, do not wear contact	t lenses.
		511			
NONE KN	IOWN.				
Work/Hygien		innecessary formation			
SECTIO	N VIII - PRECAL	JTIONS FOR SA	FE HANDLING AND	USE	
Steps to be T	Faken in Case Material is	s Released or Spilled			
Non - Skid	Grit may be swept or	vacuumed for normal o	disposal.		
Waste Dispo	sal Method				
		us waste under U.S. Fe	deral RCRA regulations.		
			- <del>0</del>		
Precautions f	to be Taken in Handling	and Storing			
	-	entilation, gloves, and g	oggles.)		
Other Precau			harges when subjected to f	riction.	
Prepared by	Murty Bhamidipati - Cl		geoon Subjected to I		
		hemist			
			wledge. However since data safe	ty standards, and government regulat	ions are subject to