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

		<i>y</i> mann			) 220 20 19		rial Safe		
	( )		R-A-F				Sheet		
95 Good	lwin Street, Ea				528-9838	Date Prepared			
30 0000	IWIII Olieel, La	131 1 1011	.1010, C1., 00	100 (000) (	520-9030	Date Frepareu	HAZARD RATING	Health	2
SECTION	I - IDENTIF		ON				0 = Least 1 = Slight	Flammability	2
IDENTITY (As U	Jsed on Label)		Armor T	op Harde	ner		2 = Moderate	Reactivity	1
COMMON NAM	E		Aliphatic Poly	yisocyanate Re	sin Solution		4 = Extreme	Personal Protection	G
SECTION	II - PRODU	ст сс	OMPONEN	TS	CAS.#		OSHA PEL	ACGIH TLV	
Homopolyme	r of HDI				28182-81-2		N.E. <sup>1</sup>	N.E.	
	e Diisocyanate	$(HDI)^2$			822-06-0		N.E.	0.005ppm	
Dimethyl Este	r				Proprietary		N.E.	N.E.	
Methyl-1,3-di	oxolan-2-one				108-32-7		N.E.	N.E.	
<sup>1</sup> not establishe	:d								
<sup>2</sup> Residual mor	iomer content i	s less tha	an 0.5% based	on resin solids	s at the time of	manufacture.			
T.S.C.A. Statu	ıs - O.K. on all	above c	omponents.						
			•	CALL CHEM	FREC 24-HOU	J <b>R EMERGI</b>	ENCY NUMBE	R 1-800-424-93	00*
SECTION	III - PHYSIC	CAL/C	HEMICAL	CHARACT	ERISTICS				
Boiling Point			DPMA	392°F	Specific Gravity	(H2O = 1)		1.11	
Vapor Pressure	(mm Hg)		HDI	4.7 x 10 <sup>-7</sup>	Melting Point			N/A	
Vapor Density (	AIR = 1)		DPMA	6.6	Evaporation rate	e (Butyl Acetate	= 1)	0.015	
Volatile Organic	Compounds (VO	C) = Nil							
Solubility in Wat	er	NOT SO	OLUBLE.						
Appearance and			nild ester-like						
SECTION	IV - FIRE a	nd EX	PLOSION	HAZARD D					
Flash Point (Clo	sed Cup Method)				Flammable Limi	ts	LEL	UEL	
				110ºF	N/A		4.22%	12.87%	
Extinguishing M Special Firefight			Dry Chemical	s, CO <sub>2</sub> , Univer	rsal Type Foam	<u>.                                    </u>			
	0					·			
<u>^</u>			-	-	~ ~	-	DI vapors and oth	-	
			-	•		losed contain	er may explode	when exposed	
	at or burst when d Explosion Haza					ts, may spontan	eously combust if	improperly discarded	d. Prior to
	l out all rags or ot						-		
SECTION	V - REACT		ΠΔΤΔ						
Stability	Unstable		Conditions to Av	void					
Clability	Stable	X			use Avoid stati-	lischargo Elaw	ahla vanora ralaac-	at alavatad tamma	
Incompatibility (	Vaterials to Avoid				orus-containing		able vapors released	at cicvated temps.	
	omposition or Byp				d carbon mono?		rbon dioxide		
	May Occur		Conditions to Av				aronido.		
Hazardous		Х		volu					

SECTIO	N VI - HEAL	TH HAZARD DATA		
Route(s) of E	ntry:	Inhalation?	Skin?	Ingestion?
	nu y.	Yes	YES	Yes
Signs and Sy	mptoms of Exposi		ess of skin and eyes. B	
Health Hazard	ds (Acute and Chr	onic)		
ACUTE - p	rolonged skin e	xposure can cause irritation, d	ermatitis. Inhalation of	of vapors can cause nasal
8	and respiratory i	irritation, dizziness, headache,	, nausea.	
CHRONIC	- prolonged or 1	repeated exposure to vapors m	ay cause lung damage	as well as increased sensitivity.
Carcinogenici	ty:	NTP?	IARC Monographs	? OSHA Regulated?
		NO	NO	NO
Medical Cond	litions Generally A	ggravated by Exposure		
	1 1	disorders(bronchitis, emphysema,	hyperreactivity), skin all	ergies, eczema.
Emergency a	nd First Aid Proce	dures		
EYES - Flu	ish with water, I	holding lids open for 15 minut	tes or more. Call phys	ician for advice if necessary.
Skin - remo	ve contaminate	clothing. Clean affected area	with mild soap and w	ater. If irritation or redr
develops	s, seek medical	attention.		
INHALATI	ON- move per	son away from source of expo	sure and into fresh air	If person is not breathing,
give art	ificial respiration	on and seek medical attention	immediately. If breath	ning difficulty develops, give
oxygen	and seek medi	cal attention immediately.		
**NOTE**	PERSONS W	ITH LUNG DISORDERS OF	R WHO ARE SENSIT	IZED SHOULD NOT USE THIS
	PRODUCT.			
SECTION	N VII - CON	TROL MEASURES		
Respiratory P	rotection (Specify	Type) Provide adequate es	xhaust ventilation. Use	e a NIOSH approved respirator as outlined
in 42 CFR 8	84 and 29 CFR	1910.134 effective for solvent	and diisocyanate vapo	Drs.
Ventilation	Local Exhaust	Use in confined are	eas. Special Ex	plosion proof fans when needed.
	Mechanical	Must be sufficient t	to maintain area below	established TLV/PEL.
Protective Glo	oves N	eoprene rubber gloves.	Eye Protection Sp	lash proof goggles.
Other Protect	ive Clothing or Eq	uipment	- · · · ·	^ · · · · · ·
Use other pi	rotective equipr	nent such as rubber aprons and	d a face shield if dange	er of splashing is possible.
		ater must be readily available	-	
-		-		s must be minimized. Use air
-		osed areas and when PEL/TLV	-	
Work/Hygieni		aunder contaminated clothing	-	
		CAUTIONS FOR SAFI		
		erial is Released or Spilled		
		gnition sources. Keep people	away Add cand earth	or other absorbent to spill
	_		-	g vapors and skin contact. Keep
	_	_		
-		g. Observe precautions for vo	natile, natiliable vapo	
Waste Dispos			1	
Incineration	in accordance	with local, state, and federal re	egulations.	
Precautions to	be Taken in Har	ndling and Storing Keep c	containers tightly close	ed when not in use and away from excessive
heat and flan	me. DO NOT p	pressurize, cut, weld, solder, d	rill or grind the contain	ners.
Other Precaut	tions St	ore in an OSHA approved are	a for flammable mater	ials.
Prepared by	Sa	amet Dy - Urethane Chemist		
PLEASE NOTE	the conditions of ha RESPECT TO THE	indling and use, or misuse, are beyond	our control, Dur-A-Flex, Inc. M ACCURACY OF THE INFOR	afety standards, and government regulations are subject to change and IAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH WATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR to his particular use."

						Mater	ial Safe	ty	
			R-A-FL	OOR UP		Data S	Sheet	-	
95 Go	odwin Street, E	ast Hartfo	ord, CT., 06108	8 (860) 528-9	838	Date Prepared	12/17/2010 HAZARD RATING	LL Mr	4
SECTION I	- IDENTIFIC						0 = Least	Health Flammability	1
				p Colorant	t: all cold	re	1 = Slight 2 = Moderate		0
IDENTITY (As Us				•		515	3 = High 4 = Extreme	Reactivity	G
				Additive for Ure				Personal Protection	G
SECTION	I - PRODUC		PONENTS		CAS.#		OSHA PEL	ACGIH TLV	
							1		
	col monomethyl	ether aceta	ate		88917-22-0		NE <sup>1</sup> 15mg/m <sup>3</sup> (Dust)	NE 10	
Titanium Dioxic	le				13463-67-7			10mmg/m <sup>3</sup>	
Red Iron Oxide					1332-37-2		10mg/m <sup>3</sup>	5mg/m <sup>3</sup>	
Yellow Iron Ox	ide				51274-00-1		NE	NE	
Carbon Black					1333-86-4		3.5mg/m <sup>-</sup> (dust)	3.5mg/m <sup>3</sup> (dust)	
1									
<sup>1</sup> not established									
TSCA Status	- O.K. on all abo	va compo	nents						
				CHEMTDEC V		TEDOENCV		404 0200*	
			MICAL CHA			IEKGENUT	NUMBER 1-800	J-424-9300	
Boiling Point			DPMA	392°F	Specific Gravi	ity (H2O = 1)		1.11	
Vapor Pressure (r	mm Ha)		77°F	0.05	Melting Point			N/A	
Vapor Density (Al			DPMA	6.6	-	ate (Butyl Acetate	a – 1)	0.015	
1 , , ,	Compounds (VOC)	– 74 grams		0.0	Evaporation		, – 1)	0.015	
Solubility in Wate		NOT SO							
Appearance and (									
			ild ester-like odor						
Flash Point (Close	ed Cup Method)			10005	Flammable Li	mits	LEL	UEL	
	-11 -			186ºF	N/A		1.21 vol%	5.35 vol%	
Extinguishing Means Special Firefightin			Dry Chemicals,	CO <sub>2</sub> , Universal T	Type Foam.				
-		-			-	-	nd other irritating,		
highly toxic gase	es may be generat	ted by the	rmal decompositi	on or combustion	n. Closed cor	ntainer may exp	lode when expose	ed	
	or burst when con Explosion Hazards		d with water (CC	02 evolved).					
						,,			
		·	ç	autoignition temper	ratures resulting	g in possible spor	ntaneous combustion	1	
	/ - REACTIV		Conditions to Avoi	id					
Stability	Unstable								
	Stable	Х	Keep containers close	sed when not in use.	Avoid static dis	charge. Flammabl	e vapors released at el	evated temps.	
Incompatibility (M			Avoid oxidizers	and phosphorus-	containing ma	aterials.			
Hazardous Decon	nposition or Byprod	ucts	Conditions to Avoi	Fire may yield ca	arbon monox	ide and/or carbo	on dioxide.		
Hazardous	May Occur	Х		u					
Polymerization	Will Not Occur		Contact with mois	ture or other mater	ials which reac	t with isocyanate	s or temperatures ab	ove 400F.	

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SECTION V	I - HEALTH HAZ	ARD DATA		
Route(s) of Entry:		Inhalation?	Skin?	Ingestion?
() <b>,</b>		Yes	YES	Yes
Signs and Sympto	ms of Exposure	Irritation and redn	ess of skin and eyes. Breath	ing difficulty.
Health Hazards (A	cute and Chronic)			
ACUTE - prolor	ged skin exposure can o	cause irritation, derma	titis. Inhalation of vapors ca	n cause nasal
and r	espiratory irritation, dizz	iness, headache, naus	ea.	
CHRONIC - pro	longed or repeated expo	osure to vapors may ca	ause lung damage as wel l as	increased sensitivity.
Carcinogenicity:		NTP?	IARC Monograph	oSHA Regulated?
		NO	NO	NO
Medical Condition	s Generally Aggravated by	Exposure		
	respiratory disorders(bronc rst Aid Procedures	hitis, emphysema, hyper	reactivity), skin allergies, eczen	na.
EYES - Flush w	vith water, holding lids o	ppen for 15 minutes of	r more. Call physician for ad	lvice if necessary.
Skin - remove co	ontaminate clothing. Cl	ean affected area with	mild soap and water. If irrit	ation or redness
develops, see	k medical attention.			
INHALATION-	move person away from	n 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 difficult	y develops, give
oxygen and	seek medical attention	immediately.		
**NOTE** PE	RSONS WITH LUNG	DISORDERS OR W	HO ARE SENSITIZED SH	OULD NOT USE THIS
P	RODUCT.			
SECTION V	II - CONTROL M	EASURES		
Respiratory Protect	tion (Specify Type)	Us	e NIOSH approved respirato	or as outlined in 30CFR11 and 29CFR 1910.134
effective for solv	ent and diisocyanate va	pors.		
Ventilation	Local Exhaust	Use in confined ar	eas. Special	Explosion proof fans when needed.
	Mechanical	Must be sufficient	to maintain area below estal	blished 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 splash	ing is possible.
		-	FORCE GOOD HYGIENE	
-		-	ors, mists or fumes must be r	
shicking of open	inglits in work area.	posure to inquite, vape	inst of runes must be h	
Work/Hygienic Pra	actices Laund	er contaminated cloth	ing before use. Dispose con	taminated leather shoes
			HANDLING AND US	
	in Case Material is Releas			-
			. Add sand, earth or other at	psorbent to spill
	-			-
			inimize breathing vapors and	-
		recautions for volatile	, flammable vapors from abs	orbed material.
Waste Disposal M				
	ccordance with local, sta	-		
	Taken in Handling and Sto			when not in use and away from excessive
	DO NOT pressurize, cu			
Other Precautions	Store	n an OSHA approved	area for flammable material	S.
Prepared by	William	H. Greider, Jr. Technic	al Director	
PLEASE NOTE	conditions of handling and use	e, or misuse, are beyond ou		standards, and government regulations are subject to change and the O WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE REIN AND use."

						Mater	ial Safe	ety	
			R-A-FL			Data S	Sheet	-	
95 Go	odwin Street, E	ast Hartfo	ord, CT., 06108	(860) 52	8-9838	Date Prepared	1/3/2011 HAZARD RATING	<b>I</b>	
SECTION	I - IDENTIFIC						0 = Least	Health	3
			Armor To	n Satin	Dagin		1 = Slight 2 = Moderate	Flammability	0
IDENTITY (As U				*			з = нıgn	Reactivity	-
			Blocked Cycloa	liphatic Diar			4 = Extreme	Personal Protection	G
SECTION	II - PRODUC	I COM	PONENTS		CAS.#		OSHA PEL	ACGIH TLV	
							2		
	aliphatic Diamin	e			Proprietary <sup>1</sup>		N.E. <sup>2</sup>	N.E.	
Polypropylene					Proprietary		N.E.	N.E.	
Dimethyl Ester	1				Proprietary		N.E.	N.E.	
<sup>2</sup> None Establis	hed								
	urer of the compo edical emergency		s that they will p	rovide additi	onal informatio	on to a health pr	rofessional in th	e	
	s - O.K. on all ab								
	, LEAK, FIRE, ( III - PHYSICA		,			VIEKGENCY	NUMBER 1-0	000-424-9300"	
Boiling Point				I.E.	Specific Gravity	(H2O = 1)		0.8-0.9	
Vapor Pressure (	(mm Ha)			ч.е.	Melting Point	( - <i>)</i>		0.0-0.9 N/A	
Vapor Density (A	,			J/A	-	e (Butyl Acetate =	1)	N/A	
	Compounds = Nil		1	( <i>1</i> 1			,	11/21	
Solubility in Wate		Minimal	, Reacts slowly w	vith water					
Appearance and			ow colored liquid		lor				
SECTION	IV - FIRE and		^						
	sed Cup Method)	•• ••			Flammable Limi	ts	LEL	UEL	
				110ºF			4.22%	12.87%	
Extinguishing Me	edia		Dry chemicals,		de. foam. water	sprav.	,,		
Special Firefighti			, enemieus, (	and an another		~ [			
Firefighters sh	ould wear full em	nergency e	quipment with se	elf-contained	breathing appa	ratus. Irritating	gases may be g	generated	
by fire.		<u> </u>			0 11**	0		-	
Unusual Fire and	d Explosion Hazards		•	I with this prod	uct and/or solven	ts, may spontaned	ously combust if in	nproperly discarded.	. Prior to
disposal, spread	out all rags or othe	r waste to di	ry before disposal.						
SECTION	V - REACTIV	ITY DA	TA						
Stability	Unstable		Conditions to Avoi	d					
	Stable	X	Keep container	closed when	not in use, prot	tect from moist	ure.		
Incompatibility (M	Materials to Avoid)	-	Strong oxidizer						
Hazardous Deco	mposition or Bypro	ducts					aldehydes, nitro		
Hazardous	May Occur		Conditions to Avoi				n hydrolisis in v	•	
Polymerization	Will Not Occur	Х			-	amine and isobu	-		

Route(s) of Entry:		Inhalation?	Skin?	Ingestion?
		YES	YES	YES
Signs and Sympto	ms of Exposure	Irritation on skin.		
Health Hazards (A	cute and Chronic)	Note:	Persons with lung disorders or who	are sensitized should not use this product.
ACUTE - Irritat	ion on skin and dern	natitis. Corrosive		
CHRONIC - Re	epeated overexposure	e will cause severe skin irr	ritation, dermatitis and sensitizat	tion.
Se	ensitized persons ma	y experience rapid irritati	on of skin upon exposure.	
Carcinogenicity:		NTP?	IARC Monographs?	OSHA Regulated?
		NO	NO	NO
Medical Conditions	Generally Aggravated	by Exposure		
		Allergy, skin disord	ders.	
Emergency and Fi	rst Aid Procedures			
EYES - CORR	<b>OSIVE</b> : Flush with v	water, holding lids open fo	or 15 minutes or more. Call phy	sician for advice if necessary.
			ter. DO NOT wash with solven	•
	on develops or persis	<u>^</u>		
			needed, give oxygen or artificial	respiration
	-	ng. Consult physician.	, , , , , , , , , , , , , , , , , , , ,	
INGESTION - (	•		e liquids to an unconscious or co	nvulsing person
		i initioutatory. The ver give	inquites to un unconscious of ce	invarsing person.
SECTION V	II - CONTROL	MEASURES		
	tion (Specify Type)		haust ventilation. Use a NIOSH	approved respirator as outlined
in 42 CFR 84 an	d 29 CFR 1910.134	effective for solvent and c	liisocyanate vapors.	
Ventilation	Local Exhaust	Use in confined area	as. Special Explos	sion proof fans when needed.
	Mechanical	Adequate exhaust v	entilation must exhaust AWAY	from applicator.
Protective Gloves	Nat	ural or Neoprene gloves.		goggles or face shield.
Other Protective C	lothing or Equipment	1 0		
Use rubber apro	n, face shield and ap	propriate clothing to preve	ent contact with skin. Launder c	contaminated
*			d canvas sneakers. Protective sk	
-			rn. An eye wash station or an ac	
	ust be available at w	-	5	1 11 5
Work/Hygienic Pra			revent splashing. Wash thoroug	hly after use
		÷ .	ANDLING AND USE	ing atter use.
	in Case Material is Rel			
			d dike to prevent spreading. Co	ver snill with
-			inated area with detergent and v	
steam cleaner fo		conumers. Crean contain	mater area with detergent and v	
Waste Disposal M				
•		State, and Local requirem	ente	
Dispose in accol	and with reactal,	state, and Local requirem	iento.	
Precautions to be	Taken in Handling and	Storing		
Keep containers	tightly closed when	not in use.		
Other Precautions	NO	NE KNOWN.		
Prepared by	Sa	met Dy - Urethane Cł	nemist	
PLEASE				ls, and government regulations are subject to change and ARRANTY, EITHER EXPRESS OR IMPLIED, WITH

						Mater	ial Safe	ety	
			R-A-FLE			Data \$	Sheet		
95 Goo	odwin Street, E	ast Hartfo	ord, CT., 06108	(860) 52	8-9838	Date Prepared	1/3/2011		
OFOTION							HAZARD RATING	Health	3
SECTION	- IDENTIFIC			T	IIIID '		0 = Least 1 = Slight	Flammability	1
IDENTITY (As U	sed on Label)	Armo	or Top, Arr	nor Top	HH Resi	n	2 = Moderate 3 = Hign	Reactivity	0
COMMON NAME			Blocked Cycloal	liphatic Diar	nine		4 = Extreme	Personal Protection	G
SECTION I	I - PRODUC	т сом	PONENTS		CAS.#		OSHA PEL	ACGIH TLV	
Blocked Cyclo	aliphatic Diamin	e			Proprietary <sup>2</sup>		N.E. <sup>1</sup>	N.E.	
<sup>1</sup> None Establis	hed								
Tone Establish	neu								
<sup>2</sup> The manufact	urer of the comp	onant stata	s that they will p	rovide additi	ional informati	on to a health n	rafessional in th		
			s that they will p		ional informatio	on to a nearth p			
event of a me	edical emergency	•							
	s - O.K. on all ab		onents. DENT, CALL C	HEMTRE	C 24-HOUR F	MFRGENCY	NUMBER 1.5	800-474-9300*	
	, ,		MICAL CHA			MERGENCI	ITOMBER I-C	J00-424-J500	
Boiling Point				N.E.	Specific Gravity	(H2O = 1)		0.8-0.9	
Vapor Pressure (	mm Ha)				Melting Point	(1120 1)			
Vapor Density (A				N.E.	-	e (Butyl Acetate =	= 1)	N/A N/A	
Volatile Organic (	,			J/A			- 1)	IN/A	
	•	NC 1	D / 1 1						
Solubility in Wate			, Reacts slowly w						
Appearance and		í	ow colored liquid						
SECTION	V - FIRE and		OSION HAZ	ARD DA	Γ <b>Α</b>				
Flash Point (Clos	ed Cup Method)				Flammable Lim	its	LEL	UEL	
			1	71ºF			N/A	N/A	
Extinguishing Me			Dry chemicals, o	carbon dioxi	de, foam, water	spray.			
Special Firefightin	ng Procedures								
Firefighters sho	ould wear full em	nergency e	quipment with se	elf-contained	breathing appa	ratus. Irritating	g gases may be g	generated	
by fire.									
	Explosion Hazards out all rags or othe			h this product	and/or solvents, r	nay spontaneous	ly combust if impro	operly discarded. Pr	ior to
disposal, spiead			ry before disposal.						
SECTION	V - REACTIV	ITY DA	ТА						
Stability	Unstable		Conditions to Avoid	d					
	Stable	v	Voor containen	ماموما يتباومو		taat from maint			
Incompatibility (N	laterials to Avoid)	Х	Keep container						
	mposition or Bypro	ducte					ture prior to use		
			E Conditions to Avoid				aldehydes, nitro		
Hazardous Polymerization	May Occur	V	-		-	-	n hydrolisis in v	vater	
.,	Will Not Occur	Х	1		isophorone di	amine and isob	outyraidenyde		

Route(s) of Entry:		Inhalation?	Skin?	Ingestion?
		YES	YES	YES
Signs and Sympto	ms of Exposure	Irritation on skin.		
Health Hazards (A	cute and Chronic)	Note:	Persons with lung disorders or w	ho are sensitized should not use this product.
ACUTE - Irritat	ion on skin and derr	natitis. Corrosive		
CHRONIC - R	eneated overexnosur	e will cause severe skin in	ritation, dermatitis and sensiti	zation
			ion of skin upon exposure.	201011
Carcinogenicity:	ensitized persons int	NTP?	IARC Monographs?	OSHA Regulated?
Sarcinogenicity.		NO	NO	NO
Modical Condition	s Generally Aggravated		NO	NO
	s Generally Aggravated	Allergy, skin disord	ders	
Emergency and Fi	rst Aid Procedures	mergy, skin uison	uvi <i>5</i> .	
EYES - CORP	OSIVE: Flush with	water holding lids open fo	or 15 minutes or more Call n	hysician for advice if necessary.
		- -	ter. DO NOT wash with solv	rems. Seek medical advic
	on develops or persis		<b>, , .</b>	
INHALATION	-		needed, give oxygen or artific	tial respiration
	-	ing. Consult physician.		
INGESTION - (	Get medical attention	n immediately. Never give	e liquids to an unconscious or	convulsing person.
			1	
	ction (Specify Type)			SH approved respirator as outlined
		effective for solvent and o	· · ·	
Ventilation	Local Exhaust	Use in confined area	as. Special Exp	losion proof fans when needed.
	Mechanical	Adequate exhaust v	entilation must exhaust AWA	Y from applicator.
Protective Gloves		tural or Neoprene gloves.	Eye Protection Spla	ash goggles or face shield.
Other Protective C	Clothing or Equipment			
Use rubber apro	n, face shield and ap	propriate clothing to preve	ent contact with skin. Launde	er contaminated
clothing before	reuse. Protective sk	tin creams elp cleaning wi	th soap and water, gloves mus	st be still be worn.
An eye wash st	ation or an adequate	supply of clean water mus	st be available at work area.	
Work/Hygienic Pra	actices En	force careful handling to p	revent splashing. Wash thoro	oughly after use.
SECTION V			ANDLING AND USE	
	in Case Material is Re			
-			d dike to prevent spreading.	Cover spill with
-			ninated area with detergent an	*
steam cleaner f		containers. Crean contain	innated area with detergent dif	
Waste Disposal M		State and Least	aanta	
Dispose in acco	iuance with Federal,	State, and Local requirem	151115.	
Precautions to be	Taken in Handling and	Storing		
Keep containers	tightly closed when	not in use.		
Other Precautions	NC	NE KNOWN.		
Deserved by	Sa	imet Dy - Urethane Cł	hemist	
Prepared by				

						Materia	al Safety	/	
			JR-A-F	E FLOOR UP		Data S	heet		
95 Goody	win Street, Ea	st Ha	artford, CT., 0	6108 (860)	528-9838	Date Prepared	12/17/2010		
SECTION	I - IDENTIF						HAZARD RATING 0 = Least	Health	0
		ICA		Top C	rit		1 = Slight	Flammability	0
IDENTITY (As l				Top Gi			2 = Moderate	Reactivity	
	⊫ II - PRODU	ОТ		MINUM OXII	DE CAS.#		4 = Extreme OSHA PEL	Personal Protection	G
			COMPONE	IN15					
Aluminum Ox	iide				1344-28-1		$5 \text{ mg/m}^3 \text{ (resp)}$	$10 \text{ mg/m}^3$	
	(Total) (SiO2-			(O+Tio2)=1%					
T.S.C.A. Statu *FOR SPILL	is - O.K. on ab	ove c E <b>, OF</b>	omponent. R ACCIDENT,	, CALL CHEN	MTREC 24-H	OUR EMERGE	NCY NUMBER	1-800-424-9300	*
SECTION	III - PHYSIC	CAL	/CHEMICA	L CHARAC	CTERISTIC	5			
Boiling Point				N/A	Specific Gravity	(H2O = 1)		3.95	
Vapor Pressure	(mm Hg)			N/A	Melting Point			2070	
Vapor Density (A	AIR = 1)			N/A	Evaporation rate	e (Butyl Acetate = 1	)	N/A	
0	Compounds (VO	,	0						
Solubility in Wat	er	INS	OLUBLE						
Appearance and			ular, White, O						
SECTION	IV - FIRE a	nd I	EXPLOSIO	N HAZARD	DATA				
Flash Point (Clo	sed Cup Method)				Flammable Limi	ts	LEL	UEL	
Extinguishing M	odia		NT/ A	N/A			N/A	N/A	
Special Firefight			N/A						
None F	Known.								
Unusual Fire an	d Explosion Haza	ırds							
None	Known.								
SECTION	V - REACT	Ινιτ	Y DATA						
Stability	Unstable		Conditions to Av	void					
	Stable	Х	1						
Incompatibility (I	Materials to Avoid		None known.						
Hazardous Deco	omposition or Byp	oroduc		None Known					
Hazardous	May Occur		Conditions to Av						
Polymerization	Will Not Occur	Х							

SECTION	N VI - HEAL	TH HAZARD DATA		
Route(s) of En	ntrv:	Inhalation?	Skin?	Ingestion?
		Yes		Eyes
Signs and Syn	mptoms of Expos	ure Temporary Inhal	ation Discomfort.	
Health Hazard	ds (Acute and Ch	ronic)		
ACUTE - No	one known oth	er than possible temporary d	discomfort due to inhalation	of dust concentration.
CHRONIC -	- Potential chro	onic respiratory distress/irrita	ation. Can aggravate pre-exi	sting lung conditions.
		1 5		
Carcinogenicit	ty:	NTP?	IARC Monographs?	OSHA Regulated?
		NO	NO	NO
Medical Condi	itions Generally A	Aggravated by Exposure		
		None Known.		
Emergency an	nd First Aid Proce	edures		
EYES - hold	l eyes apart and	d flush with clean water for	15 minutes. If irritation or re	edness develops and persists seek
med	dical attention.			
INHALATIO	ON - For inhala	ation discomfort move perso	on to fresh air.	
		-		
SECTION	VII - CON	TROL MEASURES		
Respiratory Pr	rotection (Specify	/ Туре)		
Drovide adec	aunta avhauet i	ventilation: use a NIOSH a	pproved respirator if PELS/7	TLVS are exceeded
Ventilation	Local Exhaust			
Ventilation		If necessary.	· · · · · · · · · · · ·	Known
	Mechanical		sty environments	
Protective Glo		Vear gloves	Eye Protectior Safety	goggles, do not wear contact lenses.
Other Protectiv	ve Clothing or Ec	quipment		
NONE KNO	OWN.			
Work/Hygienic	c Practices A	void unnecessary formation	of dust.	
SECTION			FE HANDLING AND	USE
				002
Steps to be Ta	aken in Case Ma	terial is Released or Spilled		
Non - Skid C	Grit may be sw	ept or vacuumed for normal	disposal.	
Waste Dispos	al Method			
		zardous waste under U.S. Fo	ederal RCRA regulations	
TION - OKIU	Sin is not a fla	Zurdous waste under 0.9. P	carra regulations.	
D	<b>.</b>			
		ndling and Storing	1 )	
		/II (ventilation, gloves, and g	goggles.)	
Other Precaut	tions D			
Prepared by		Dry powders can build static	charges when subjected to fr	iction.
r repared by	W	Dry powders can build static /illiam H. Greider, Jr. Technical I	charges when subjected to fr	iction.
	"The above inform	Villiam H. Greider, Jr. Technical I ation is accurate to the best of our ki	charges when subjected to fr Director nowledge. However, since data, safe	ty standards, and government regulations are subject
	"The above inform change and the co	/illiam H. Greider, Jr. Technical I ation is accurate to the best of our kn inditions of handling and use, or misu	charges when subjected to fr Director nowledge. However, since data, safe use, are beyond our control, Dur-A-Fi	