



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: DECK-O-SEAL® 150 BASE **Part Number:** 4704010
Manufacturer: W. R. Meadows®, Inc. **Address:** 300 Industrial Drive
 Hampshire, Illinois 60140
Telephone: (847) 214-2100 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**
Revision Date: 9/9/2014
Product Use: Two Component Joint Sealant

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMS		HAZARD STATEMENTS
Health	1	WARNING!
Flammability	1	May cause skin/eye irritation.
Reactivity	0	PRECAUTIONARY STATEMENTS
Personal Protection		Avoid direct contact.
		Avoid breathing aerosols/sprays.



SECTION 3: HAZARDS COMPONENTS

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>LEL (@25°C)</u>
1. Polysulfide Polymer	68611-50-7	65-70	No	N/E	N/E
2. Toluene	108-88-3	1-5	Yes	26 @25°C	1.1

This product contains limestone. Limestone contains crystalline silica as a naturally occurring component. Exposure to silica is not expected to occur as the product is supplied as a solution. If product is dry/abraded appropriate protective measures should be taken to control exposure to airborne silica.

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." *N/A: Not Applicable*

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Move victim from exposure source. Flush eyes with water for fifteen minutes. If symptoms persist, seek medical attention.
SKIN CONTACT: Remove contaminated shoes/clothing. Wash affected areas with mild soap and water. If symptoms persist, seek medical attention.
INHALATION: Move victim from exposure source and treat symptoms. If symptoms persist, seek medical attention.
INGESTION: Seek immediate medical attention. Do not induce vomiting. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent lung aspiration.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: > 210 degrees F
EXTINGUISHING MEDIA: Water fog, foam, dry chemical, and carbon dioxide.
CHEMICAL/COMBUSTION HAZARDS: Carbon monoxide, carbon dioxide, and incomplete combustion products may be emitted.
PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Use of full fire protection ensemble with SCBA is recommended.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Evacuate area of unprotected personnel. Dike/contain spilled material. Take up with an appropriate absorbent and place in sealed/marked containers for proper disposal.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact.
SAFE STORAGE: Keep containers closed when not in use. Store in cool/dry location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name:</u>	<u>OSHA</u>				<u>ACGIH</u>			
	<u>PEL</u>	<u>PEL/CEILING</u>	<u>PEL/STEL</u>	<u>SKIN</u>	<u>TWA</u>	<u>TLV/CEILING</u>	<u>TLV/STEL</u>	<u>SKIN</u>
1. Polysulfide Polymer	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2. Toluene	100 ppm	300 ppm	150 ppm	N/A	100 ppm	N/A	150 ppm	N/A

N/E: Not Established.

ENGINEERING CONTROLS: None normally required under normal use conditions.
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Established **VAPOR DENSITY:** >1 (Air=1) **% VOLATILE BY VOLUME:** Not Applicable
EVAPORATION RATE: <1 (Ether=1) **pH LEVEL:** N/A **% VOLATILE BY WEIGHT:** Not Applicable
WEIGHT PER GALLON: 11.38 **PRODUCT APPEARANCE:** Heavy Liquid **VOC CONTENT:** 50 g/L

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.
CONDITIONS AND MATERIALS TO AVOID: Oxidizing materials and strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and incomplete combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may cause mild to moderate irritation. Corneal injury is unlikely.
SKIN CONTACT: Direct contact may result in mild to moderate irritation. Prolonged contact may result in drying/defatting of the skin.
INHALATION: May cause mild respiratory tract irritation. Prolonged/repeated exposure may result in symptoms of transient central nervous system depression (headache, nausea, loss of coordination, fatigue).
INGESTION: Not expected to be an exposure route under normal use conditions.
SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, redness, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea.
AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.
OTHER HEALTH EFFECTS: None recognized.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Not Established **DEGRADABILITY:** N/E **BIOACCUMULATIVE POTENTIAL:** N/E
SOIL MOBILITY: N/E **OTHER ADVERSE EFFECTS:** N/E

SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Non-hazardous material for waste disposal purposes. Material mixed and set up can be landfill disposed.

SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Non-hazardous.
UN NUMBER: None. **HAZARD CLASS:** None. **PACKING GROUP:** None.
UN PROPER SHIPPING NAME: Not regulated.
ENVIRONMENTAL HAZARDS: Not determined.
BULK TRANSPORTATION INFORMATION: Not applicable; product is not shipped in bulk.
SPECIAL PRECAUTIONS: None recognized.

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 9/9/2014
PREPARED BY: Dave Carey

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.




SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: DECK-O-SEAL® 150 SETTING AGENT (Grey/White) **Part Number:** 4704023
Manufacturer: W. R. Meadows®, Inc. **Address:** 300 Industrial Drive
Hampshire, Illinois 60140
Telephone: (847) 214-2100 In case of emergency, dial (800) 424-9300 (CHEMTREC)
Revision Date: 9/9/2014
Product Use: Two Component Joint Sealant

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS	
Health	1	WARNING!
Flammability	1	May cause skin/eye irritation.
Reactivity	0	May cause an allergic skin reaction.
Personal Protection		PRECAUTIONARY STATEMENTS Avoid direct contact. Avoid breathing aerosols/sprays.



SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Epoxy Resin	25068-38-6	5-15	No	N/E	N/E
2. Dimethylbenzyl Hydroperoxide	80-15-9	5-10	Yes	2	N/E
3. Titanium Dioxide	13463-67-7	10-30	No	N/E	N/E

This product contains limestone. Limestone contains crystalline silica as a naturally occurring component. Exposure to silica is not expected to occur as the product is supplied as a solution. If product is dry/abraded appropriate protective measures should be taken to control exposure to airborne silica.

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." *N/A: Not Applicable*

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Move victim from exposure source. Flush eyes with water for fifteen minutes. If symptoms persist, seek medical attention.
SKIN CONTACT: Remove contaminated shoes/clothing. Wash affected areas with mild soap and water. If symptoms persist, seek medical attention.
INHALATION: Move victim from exposure source and treat symptoms. If symptoms persist, seek medical attention.
INGESTION: Seek immediate medical attention. Do not induce vomiting. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent lung aspiration.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: > 210 degrees F
EXTINGUISHING MEDIA: Water fog, foam, dry chemical, and carbon dioxide.
CHEMICAL/COMBUSTION HAZARDS: Carbon monoxide, carbon dioxide, and incomplete combustion products may be emitted.
PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Use of full fire protection ensemble with SCBA is recommended.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Evacuate area of unprotected personnel. Dike/contain spilled material. Take up with an appropriate absorbent and place in sealed/marked containers for proper disposal.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact.
SAFE STORAGE: Keep containers closed when not in use. Store in cool/dry location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Epoxy Resin	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2. Dimethyl Benzyl Hydroperoxide	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3. Titanium Dioxide*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/E: Not Established *Titanium dioxide exposure limits not provided as materials are in suspension.

ENGINEERING CONTROLS: None normally required under normal use conditions.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
BOILING POINT: 250 degrees F	VAPOR DENSITY: >1 (Air=1)	% VOLATILE BY VOLUME: Not Applicable
EVAPORATION RATE: <1 (Ether=1)	pH LEVEL: N/A	% VOLATILE BY WEIGHT: Not Applicable
WEIGHT PER GALLON: 13.50	PRODUCT APPEARANCE: Heavy Liquid	VOC CONTENT: 5 g/L
SECTION 10: STABILITY/REACTIVITY		
STABILITY: Stable.	HAZARDOUS POLYMERIZATION: Will not occur.	
CONDITIONS AND MATERIALS TO AVOID: Oxidizing materials, strong acids, lead, copper, and their alloys, zinc, amines, polyamines, and polyamides under uncontrolled conditions.		
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and incomplete combustion products.		
SECTION 11: TOXICOLOGICAL INFORMATION		
EYE CONTACT: Direct contact may cause mild to moderate irritation.		
SKIN CONTACT: Direct contact may result in mild to moderate irritation. May cause a skin sensitization reaction in susceptible individuals. Skin sensitization may be temporary or permanent. Once an individual is diagnosed as sensitized, no further exposures can be permitted.		
INHALATION: Not expected to be an exposure route under normal use conditions.		
INGESTION: Not expected to be an exposure route under normal use conditions.		
SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, redness, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea. Skin sensitization includes allergic dermatitis exhibited by rash, itching, hives, and swelling of extremities.		
AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.		
OTHER HEALTH EFFECTS: None recognized.		
SECTION 12: ECOLOGICAL INFORMATION		
ECOTOXICITY: Not Established	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: N/E	
SECTION 13: WASTE DISPOSAL INFORMATION		
WASTE DISPOSAL INFORMATION: Non-hazardous material for waste disposal purposes. Material mixed and set up can be landfill disposed.		
SECTION 14: TRANSPORTATION INFORMATION		
HAZARDOUS/NON-HAZARDOUS MATERIAL: Non-hazardous.		
UN NUMBER: None.	HAZARD CLASS: None.	PACKING GROUP: None.
UN PROPER SHIPPING NAME: Not regulated.		
ENVIRONMENTAL HAZARDS: Not determined.		
BULK TRANSPORTATION INFORMATION: Not applicable; product is not shipped in bulk.		
SPECIAL PRECAUTIONS: None recognized.		
SECTION 15: REGULATORY INFORMATION		
OTHER REGULATORY CONSIDERATIONS: None.		
SECTION 16: OTHER INFORMATION		
PREPARATION DATE:	9/9/2014	
PREPARED BY:	Dave Carey	

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.

Date of preparation: 02/11/11

SECTION I

Manufacturer : **W. R. MEADOWS, INC.**
 Address : 2300 West Valley Boulevard
 : Pomona, CA 91768

- H M I S -

 Health	: 1
 Flammability	: 1
 Reactivity	: 0
 Personal Protection	:

Telephone # : (909) 469-2608
 Emergency # : 1-800-424-9300 Chemtrec

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,*=Chronic)

Mfg. code I.D. : 4704023

Trade Name : **DECK-O-SEAL 150 SETTING AGENT - TAN**

SECTION II-A HAZARDOUS COMPONENTS

No.	Component	CAS#	% by Weight	SARA 313	VAPOR PRESSURE (mm Hg @ 20 C)	LEL (@ 25 C)
1.	Diethylene Glycol Dibenzoate	120-55-8	5-10	NO	N/A	N/A
2.	Dipropylene Glycol Dibenzoate	27138-31-4	5-10	NO	N/A	N/A
3.	Titanium Dioxide	13463-67-7	5-10	NO	N/A	N/A
4.	Limestone	1317-65-3	45-50	NO	N/A	N/A
5.	Bisphenol A/Epichlorohydrin Resin	25068-38-6	5-10	NO	N/A	N/A
6.	Dimethylbenzyl Hydroperoxide	80-15-9	5-10	YES	2.00	N/A

None of the components of this product are recognized as carcinogenic. N/A = Not Applicable

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313".

SECTION II-B OCCUPATIONAL EXPOSURE LIMITS

No.	PEL/TWA	OSHA			ACGIH			
		PEL/CEILING	PEL/STEL	SKIN	TLV/TWA	TLV/CEILING	TLV/STEL	SKIN
1.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3.	15 mg/m*	N/E	N/E	N/E	10 mg/m*	N/E	N/E	N/E
4.	15 mg/m*	5 mg/m³	N/E	N/E	10 mg/m*	N/E	N/E	N/E
5.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
6.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E

N/E = Not established * = Total dust

SECTION III PHYSICAL DATA

Boiling Point	: 220 degrees F	% Volatile by volume	: Not applicable
Evaporation Rate	: < 1 (ether = 1)	% Volatile by weight	: Not applicable
Vapor Density	: > 1 (air = 1)	Weight per gallon	: 14.12 (Theoretical)
pH Level	: Not applicable		

SECTION IV HEALTH INFORMATION

EYE CONTACT: This product may cause mild to moderate eye irritation. Corneal injury is unlikely.

SKIN CONTACT: Based on the presence of component 4 contact with the skin may result in skin sensitization to epoxies. Individuals who have developed a skin sensitization can develop these symptoms as a result of contact with very small amounts of liquid material or as a result of exposure to vapor. This skin sensitization may be temporary or permanent. Once an individual is diagnosed as being sensitized, no further exposure can be permitted.

INHALATION: Based on the presence of component 5 exposure to mist or spray may cause coughing, sneezing, or other symptoms of upper respiratory tract irritation. Based on the presence of component 4 as a result of repeated overexposures or exposure to a single large dose, certain individuals may develop lung sensitization (chemical asthma) to epoxies which will cause them to react to a later exposure at very low levels. Once an individual is diagnosed as being sensitized, no further exposure can be permitted.

INGESTION: This product may produce moderate irritation of the digestive tract.

SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea. Skin sensitization results in allergic dermatitis which may include rash, itching, hives and swelling of extremities. Lung sensitization results in asthma-like symptoms: chest tightness, shortness of breath, wheezing and coughing. These symptoms may be immediate or delayed up to several hours.

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AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. Persons with asthmatic-type conditions, chronic bronchitis, other chronic respiratory diseases, recurrent skin eczema, sensitization or allergies should be excluded from working with epoxies.

OTHER HEALTH EFFECTS: None known.

SECTION V EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If irritation or redness develops, move victim away from exposure source and into fresh air. Flush eyes with water for fifteen(15) minutes. If symptoms persist, seek medical attention.

SKIN CONTACT: Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If respiratory symptoms develop, move victim away from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

INGESTION: Do not induce vomiting. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. Since aspiration into the lungs can cause very serious, permanent damage, the decision of whether to induce vomiting or not should be made by a physician. Damage from lung aspiration must be weighed against toxicity when considering emptying the stomach. Consult a physician, hospital, or poison control center and/or transport to an emergency facility immediately.

SECTION VI FIRE AND EXPLOSION HAZARDS

FLAMMABILITY CLASSIFICATION - NFPA: Not regulated
- DOT: Not regulated

FLASH POINT: Greater than 210 degrees F

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or Carbon Dioxide.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Clear area of unprotected personnel. Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which may result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

SECTION VII REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS AND MATERIALS TO AVOID: Avoid oxidizing materials, strong acids, lead, copper, and their alloys, zinc, amines, polyamines, and polyamides under uncontrolled conditions

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield Carbon Dioxide, Carbon Monoxide, and/or incomplete combustion products. Do not breathe smoke or fumes. Wear appropriate protective equipment.

SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: Use ventilation as required to control vapor concentrations - at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

PROTECTIVE CLOTHING: Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

ADDITIONAL PROTECTIVE MEASURES: Eye wash fountains and safety showers should be available for use in an emergency.

SECTION IX ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES: LARGE SPILLS>> Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. SMALL SPILLS>> Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

WASTE DISPOSAL: Observe all Federal, State and local regulations regarding proper disposal.

SECTION X ADDITIONAL PRECAUTIONS

Containers can contain hazardous product residues even when empty. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

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Date of preparation: 02/11/11

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