Date of preparation: 07/01/04 4701010

### **SECTION I**

Manufacturer : W. R. MEADOWS, INC. - H M I S -

 Address
 : 2300 West Valley Boulevard
 |Health
 : 1 |

 : Pomona, CA 91768
 |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. : 4701010

Trade Name : **DECK-O-SEAL PG BASE** 

# SECTION II-A HAZARDOUS COMPONENTS

		% by	SARA	VAPOR PRESSURE	LEL
No. Component	CAS#	Weight	313	(mm Hg @ 20 C)	(@ 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	1-5	NO	N/A	N/A
4. Limestone	1304-29-6	20-25	NO	N/A	N/A
None of the components of this produc		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

		OSHA				F	ACGIH		
No.	PEL/TWA	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/m³**+	N/E	N/E	N/E	10 mg/m³**	N/E	N/E	N/E	
4.	15 mg/m³**	5 mg/m³	N/E	N/E	10 mg/m³**	N/E	N/E	N/E	
N/E :	= Not established	t t	** = Total dus	st	+ = 5 n	ng/m³Respirable	fraction		

### SECTION III PHYSICAL DATA

Boiling Point: 320 degrees F% Volatile by volume: Not applicableEvaporation Rate: < 1 (N-Butyl Acetate = 1)</th>% Volatile by weight: Not applicableVapor Density: > 1 (air = 1)Weight per gallon: 11.31 (Theoretical)

pH Level : Not applicable

## SECTION IV HEALTH INFORMATION

EYE CONTACT: Based on the presence of components 1 and 2 this product may cause slight eye irritation. Corneal injury is unlikely.

**SKIN CONTACT:** Based on the presence of components 1 and 2 this product is non-irritating to the skin, but may cause mechanical irritation of the skin. Prolonged contact may result in drying/defatting of the skin.

INHALATION: Inhalation of concentrated vapors may irritate the nose and throat.

**INGESTION:** Based on the presence of component 1 single dose oral toxicity is low. Ingestion may cause irritation of the gastrointestinal tract and/or ulceration/burns in the throat and mouth.

**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.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired asthmatic conditions may be aggravated from prolonged and continuous exposure to dust. Functions from pre-existing disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: None known.

Date of preparation: 07/01/04 **DECK-O-SEAL PG BASE** 

Date of preparation: 07/01/04

### **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:** Dilute with liquid unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. 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 regulatedDOT: 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 and strong acids.

**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.

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 the product described herein.

Date of preparation: 07/01/04 **DECK-O-SEAL PG BASE** 

Date of preparation: 07/25/05 4701024

## **SECTION I**

Manufacturer : W. R. MEADOWS, INC. - H M I S -

Address : 2300 West Valley Boulevard | Health : 1 | : Pomona, CA 91768 | 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. : 4701024

Trade Name : **DECK-O-SEAL PG SETTING AGENT - BLACK** 

SECTION II-A	HAZARDOU	S COMPO			
		% by	SARA	VAPOR PRESSURE	LEL
No. Component	CAS#	Weight	313	(mm Hg @ 20 C)	(@ 25 C)
1. Diethylene Glycol Dibenzoate	120-55-8	10-15	NO	N/A	N/A
2. Dipropylene Glycol Dibenzoate	27138-31-4	10-15	NO	N/A	N/A
3. Limestone	1317-65-3	55-60	NO	N/A	N/A
4. Bisphenol A/Epichlorohydrin Resin	25068-38-6	10-15	NO	N/A	N/A
5. Dimethylbenzyl Hydroperoxide	80-15-9	5-10	YES	2.00	N/A
None of the components of this production	ct 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".

SE	CTION II-B	OCCUPATIONAL EXPOSURE LIMITS							
		OSHA				P	CGIH		
No.	PEL/TWA	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/m³**	5 mg/m³	N/E	N/E	10 mg/m³**	N/E	N/E	N/E	
4.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	
5.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	
N/E	= Not established	** = T	otal dust						
SE.	CTION III		DUV		DATA				

### SECTION III PHYSICAL DATA

Boiling Point: 250 degrees F% Volatile by volume: Not applicableEvaporation Rate: < 1 (ether = 1)</td>% Volatile by weight: Not applicableVapor Density: > 1 (air = 1)Weight per gallon: 12.40 (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 5 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. This lung sensitization may be either temporary or permanent.

**INGESTION:** This product may produce moderate irritation of the gastrointestinal 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.

**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 recognized.

Date of preparation: 07/25/05

### **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 regulatedDOT: 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 FRE AND EXPLOSION HAZARDS:** Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could 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.

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 the product described herein.

Date of preparation: 07/25/05

DECK-O-SEAL PG SETTING AGENT - BLACK

Date of preparation: 07/25/05 4701023

## **SECTION I**

-HMIS-Manufacturer : W. R. MEADOWS, INC.

Address : 2300 West Valley Boulevard |Health :1| |Flammability : Pomona, CA 91768 :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. : 4701023

N/E = Not established

: DECK-O-SEAL PG SETTING AGENT - TAN Trade Name

SECTION II-A	HAZARDOU	S COMPO			
		% by	SARA	VAPOR PRESSURE	LEL
No. Component	CAS#	Weight	313	(mm Hg @ 20 C)	(@ 25 C)
1. Diethylene Glycol Dibenzoate	120-55-8	10-15	NO	N/A	N/A
2. Dipropylene Glycol Dibenzoate	27138-31-4	10-15	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 produc	ct 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".

SE	CTION II-I	В	OCCUPATIONAL EXPOSURE LIMITS							
		OSHA			ACGIH					
No.	PEL/TWA	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/m³**	N/E	N/E	N/E	10 mg/m³**	N/E	N/E	N/E		
4.	15 mg/m³**	5 mg/m³	N/E	N/E	10 mg/m³**	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/F	N/F	N/F	N/E	N/F	N/F	N/F	N/E		

#### SECTION III PHYSICAL DATA

\*\* = Total dust

**Boiling Point** : Not established % Volatile by volume : Not applicable **Evaporation Rate** : < 1 (ether = 1)% Volatile by weight : Not applicable **Vapor Density** Weight per gallon : > 1 (air = 1): 12.01 (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 5 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 6 exposure to mist or spray may cause coughing, sneezing, or other symptoms of upper respiratory tract irritation. Based on the presence of component 5 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. This lung sensitization may be either temporary or permanent. **INGESTION:** This product may produce moderate irritation of the gastrointestinal 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.

Date of preparation: 07/25/05

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired asthmatic conditions may be aggravated from prolonged and continuous exposure to dust. Functions from pre-existing 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 regulatedDOT: 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 wth 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.

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 the product described herein.

Date of preparation: 07/25/05

DECK-O-SEAL PG SETTING AGENT - TAN

4701023

Date of preparation: 07/25/05 4701022

## **SECTION I**

Telephone #

Vapor Density

pH Level

-HMIS-Manufacturer : W. R. MEADOWS, INC.

Address : 2300 West Valley Boulevard |Health :1| |Flammability : Pomona, CA 91768 :1|

|Reactivity :0| |Personal Protection : (909) 469-2608

Emergency # : 1-800-424-9300 Chemtrec

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

: 13.02 (Theoretical)

Mfg. code I.D. : 4701022

Trade Name : DECK-O-SEAL PG SETTING AGENT - GREY

SECTION II-A	HAZARDOU:	S COMPO		·	
		% by	SARA	VAPOR PRESSURE	LEL
No. Component	CAS#	Weight	313	(mm Hg @ 20 C)	(@ 25 C)
1. Diethylene Glycol Dibenzoate	120-55-8	10-15	NO	N/A	N/A
2. Dipropylene Glycol Dibenzoate	27138-31-4	10-15	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 produ	ct 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".

SE	CTION II-B		OCC	JPAT	IONAL EXP	OSURE L			
		OSHA				A	ACGIH		
No.	PEL/TWA	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/m³*+	N/E	N/E	N/E	10 mg/m³*	N/E	N/E	N/E	
4.	15 mg/m³*	5 mg/m³	N/E	N/E	10 mg/m³*	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	* = Tc	tal dust	+ = Re	spirable fraction				
SECTION III			PHYSICAL DATA						
	ing Point poration Rate		degrees F ether = 1)		% Volatile % Volatile	by volume by weight	: Not applicable : Not applicable		

#### : Not applicable **SECTION IV HEALTH INFORMATION**

: > 1 (air = 1)

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

SKIN CONTACT: Based on the presence of component 5 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.

Weight per gallon

INHALATION: Based on the presence of component 6 exposure to mist or spray may cause coughing, sneezing, or other symptoms of upper respiratory tract irritation. Based on the presence of component 5 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. This lung sensitization may be either temporary or permanent. **INGESTION:** This product may produce moderate irritation of the gastrointestinal 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.

Date of preparation: 07/25/05 **DECK-O-SEAL PG SETTING AGENT - GREY** 

Date of preparation: 07/25/05

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired asthmatic conditions may be aggravated from prolonged and continuous exposure to dust. Functions from pre-existing 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 recognized.

#### 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 regulatedDOT: 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.

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 the product described herein.

Date of preparation: 07/25/05

4701022

**DECK-O-SEAL PG SETTING AGENT - GREY** 

Date of preparation: 07/25/05 4701021

## **SECTION I**

-HMIS-Manufacturer : W. R. MEADOWS, INC.

Address : 2300 West Valley Boulevard |Health :1| |Flammability : Pomona, CA 91768 :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. : 4701021

: DECK-O-SEAL PG SETTING AGENT - WHITE Trade Name

SECTION II-A	HAZARDOUS	S COMPO	NENTS			
		% by	SARA	VAPOR PRESSURE	LEL	
No. Component	CAS#	Weight	313	(mm Hg @ 20 C)	(@ 25 C)	
1. Diethylene Glycol Dibenzoate	120-55-8	10-15	NO	N/A	N/A	
2. Dipropylene Glycol Dibenzoate	27138-31-4	10-15	NO	N/A	N/A	
3. Titanium Dioxide	13463-67-7	25-30	NO	N/A	N/A	
4. Limestone	1317-65-3	30-35	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 produc	ct 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".

SE	CTION II-B		OCCUPATIONAL EXPOSURE LIMITS						
		OSHA				Д	CGIH		
No.	PEL/TWA	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/m³*+	N/E	N/E	N/E	10 mg/m³*	N/E	N/E	N/E	
4.	15 mg/m³*	5 mg/m³	N/E	N/E	10 mg/m³*	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	* = To	tal dust	+ = 5  m	ng/m³ Respirable	fraction			
SE	CTION III		PHYS	SICAL	ΠΔΤΔ				

#### SECTION III PHYSICAL DATA

: 250 degrees F % Volatile by volume : Not applicable **Boiling Point** : Not applicable **Evaporation Rate** : < 1 (ether = 1)% Volatile by weight **Vapor Density** Weight per gallon : 13.95 (Theoretical) : > 1 (air = 1)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 5 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 6 exposure to mist or spray may cause coughing, sneezing, or other symptoms of upper respiratory tract irritation. Based on the presence of component 5 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 gastrointestinal 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.

Date of preparation: 07/25/05 4701021 **DECK-O-SEAL PG SETTING AGENT - WHITE** Page 1

Date of preparation: 07/25/05

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired asthmatic conditions may be aggravated from prolonged and continuous exposure. Functions from pre-existing 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 regulatedDOT: 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

**SECTION X** 

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.

ADDITIONAL PRECAUTIONS

### 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.

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

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 the product described herein.

Date of preparation: 07/25/05

DECK-O-SEAL PG SETTING AGENT - WHITE

4701021

Date of preparation: 07/25/05 4701020

## **SECTION I**

Manufacturer : W. R. MEADOWS, INC. - H M I S -

Address : 2300 West Valley Boulevard | Health : 1 | : Pomona, CA 91768 | Flammability : 1 |

| Reactivity | : 0 | | Telephone # : (909) 469-2608 | | Personal Protection | : |

Emergency # : 1-800-424-9300 Chemtrec

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

Mfg. code I.D. : 4701020

Trade Name : **DECK-O-SEAL PG SETTING AGENT** 

SECTION II-A	HAZARDOU	S COMPO			
		% by	SARA	VAPOR PRESSURE	LEL
No. Component	CAS#	Weight	313	(mm Hg @ 20 C)	(@ 25 C)
1. Diethylene Glycol Dibenzoate	120-55-8	10-15	NO	N/A	N/A
2. Dipropylene Glycol Dibenzoate	27138-31-4	10-15	NO	N/A	N/A
3. Limestone	1317-65-3	45-50	NO	N/A	N/A
4. Titanium Dioxide	13463-67-7	5-10	NO	N/A	N/A
5. Bisphenol A/Epichlorohydrin Resin	25068-38-6	10-15	NO	N/A	N/A
6. Dimethylbenzyl Hydroperoxide	80-15-9	5-10	YES	2.00	N/A
None of the components of this produc	ct 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
	OSHA		ACGIH

	OSHA				ACGIH			
No.	PEL/TWA	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/m³**	5 mg/m³	N/E	N/E	10 mg/m³**	N/E	N/E	N/E
4.	N/E	N/E	N/E	N/E	N/E	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	** = To	** = Total dust					

### SECTION III PHYSICAL DATA

Boiling Point: Not established% Volatile by volume: Not applicableEvaporation Rate: < 1 (ether = 1)</th>% Volatile by weight: Not applicableVapor Density: > 1 (air = 1)Weight per gallon: 12.98 (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 5 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 6 exposure to mist or spray may cause coughing, sneezing, or other symptoms of upper respiratory tract irritation. Based on the presence of component 5 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. This lung sensitization may be either temporary or permanent. **INGESTION:** This product may produce moderate irritation of the gastrointestinal 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.

Date of preparation: 07/25/05

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. Impaired asthmatic conditions may be aggravated from prolonged and continuous exposure to dust. Functions from pre-existing 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 regulatedDOT: 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/container areas exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in weakening of container structure and container rupture.

### **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.

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 the product described herein.