

Safety Data Sheet

Revision Date: 06-19-2015
Product Code: 7781

1. IDENTIFICATION

Product Name	W/B EPOXY HARDENER PART B
Product Code	7781
Document ID	G7781
Revision Number	1
Prior Version Date	None
Intended Use	Industrial Maintenance Floor Primer
Restrictions On Use	For Industrial Use Only
Chemical Family	Water Reducible Epoxy Hardener
Chemical Manufacturer / Importer	NEOGARD® - a Division of JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 International: 703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

Hazard Pictograms



GHS Classification Serious Eye Damage/Eye Irritation Category 1
Skin Sensitisation Category 1
Skin Corrosion/Irritation Category 2

Signal Word Danger

Hazard Statements Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

Precautionary Statements

Prevention Avoid breathing dust, fume, mist, vapours or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection and face protection.

Response IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards Not Otherwise Classified (HNOC) Not applicable

Safety Data Sheet

Revision Date: 06-19-2015
Product Code: 7781

Additional Information

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
Polyoxypropylenediamine	9046-10-0	1 - 5
Tetraethylenepentamine	112-57-2	1 - 5
Y-Aminopropyl-Triethoxysilane	919-30-2	0.5 - 1.5

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
Eye Contact	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion	Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately and give the medical care provider with this MSDS. Never give anything by mouth to an unconscious person.

Most Important Acute Symptoms and Effects	Not Available
Most Important Delayed Symptoms and Effects	Not Available
Special treatment needed:	No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
Unsuitable Extinguishing Media	No data available
Fire and/or Explosion Hazards	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
Hazardous Combustion Products	Ammonia, Nitrogen containing gases, Toxic fumes, Chlorine containing gases, Carbon dioxide, Carbon monoxide, Silicon dioxide, Formaldehyde
Special Protective Equipment and Precautions for Fire-Fighters	Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment. Will not burn, no special instructions available. Use methods appropriate for surrounding materials. Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the
--	---

Safety Data Sheet

Revision Date: 06-19-2015

Product Code: 7781

Methods and Material for Containment and Cleaning Up

material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for Safe Storage Materials to Avoid/Chemical Incompatibility

Store in a cool dry place. Keep container(s) closed.
Sodium Nitrite, Acids, Oxidizing agents, Peroxides, Caustics (bases, alkalis), Moisture, Water, Humid Air

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
Talc	2mg/m ³ (Respirable Dust)	20 mppcf TWA	

Appropriate Engineering Controls Respiratory Protection

Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.
General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.

Eye Protection

Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

Skin Protection

Avoid all skin contact by covering as much of the exposed skin area as possible with appropriate clothing to prevent skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.

General Hygiene Conditions

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State	Liquid
Color	Amber
Odor	Ammonia Like
Odor Threshold	No data available
pH	9.50
Melting Point/Freezing Point (°F/°C)	No data available / No data available
Initial Boiling Point and Boiling Range	
Low (°F)	No data available
Flash Point (°F/°C)	212 / 100
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	No data available

Safety Data Sheet

Revision Date: 06-19-2015
Product Code: 7781

Lower Flammable/Explosive Limit	No data available
Vapor Pressure	< 5.00 (mm Hg @ 70°F / 21° C)
Vapor Density	No data available
Relative Density	1.000
Solubility in Water	Complete; 100%
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Viscosity	22 - 32 Z2
Volatiles, % by volume	68.81
Volatiles, % by weight	60.89
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	14.13
(Actual, Calculated)	4.47
Density	9.42 - 9.62 lbs./Gal

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
Incompatible Materials	Sodium Nitrite, Acids, Oxidizing agents, Peroxides, Caustics (bases, alkalis), Moisture, Water, Humid Air
Hazardous Decomposition Products	Ammonia, Nitrogen containing gases, Toxic fumes, Chlorine containing gases, Carbon dioxide, Carbon monoxide, Silicon dioxide, Formaldehyde

11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation Skin absorption Ingestion Eye contact
--------------------	---

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Moderately irritating to respiratory tract. Causes nose and throat irritation. Causes lung irritation.
Inhalation Toxicity	Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. May cause allergic respiratory reaction.
Skin Contact	Corrosive to skin tissue. Can cause chemical burns. Sensitizer. Avoid exposure. If sensitized, repeated exposures will result in irritation, reddening, and rashes even for very low exposures.
Skin Absorption	May be harmful if absorbed through skin.
Eye Contact	Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.
Ingestion Toxicity	Harmful if swallowed. This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

Long-Term (Chronic) Health Effects

Inhalation	Overexposure may cause lung damage.
Skin Contact	Prolonged contact may cause an allergic skin reaction.
Skin Absorption	Contains Alkoxysilane. Prolonged or repeated exposure may cause kidney damage.

Product Toxicology Data

Oral Acute Toxicity Estimate (ATE)	12,126.92 mg/kg
------------------------------------	-----------------

Safety Data Sheet

Revision Date: 06-19-2015
Product Code: 7781

Dermal Acute Toxicity Estimate (ATE) 23,865.57 mg/kg

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Polyamine Polymer	Oral LD50 Rat > 2000 mg/kg	Dermal LD50 Rat > 2000 mg/kg	
Polyoxypropylenediamine	Oral LD50 Rat 1100 mg/kg	Dermal LD50 Rabbit 1550 mg/kg	
Tetraethylenepentamine	Rat > 2140 mg/kg		

Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Talc	2B		

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available) No data available
Mobility in soil No data available

13. DISPOSAL CONSIDERATIONS

Safe Handling of Waste Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Paint Related Material, Not-Regulated

Marine Pollutant: No

15. REGULATORY INFORMATION

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

Regulated Components

SARA EHS Chemicals

Not applicable

CAS # %

CERCLA

Not applicable

SARA 313

Not applicable

SARA 311/312

Health (Acute): Y
Health (chronic): Y
Fire (Flammable): N
Pressure: N

Safety Data Sheet

Revision Date: 06-19-2015
Product Code: 7781

Reactivity: N

U. S. State Regulations:

California Prop 65 Chemicals

Cancer

Not applicable

Reproductive

Not applicable

CAS #

%

Canadian Regulations:

CEPA DSL:

The components of this product ARE listed on the Canadian Domestic Substances List.

WHMIS Hazard Class:

D2A E

16. OTHER INFORMATION

Revision Date

06-19-2015

Disclaimer

This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.