

Material Safety Data Sheet

Revision Date: 07-16-2008

Product Code: 7781

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: WB EPOXY HARDENER PART B
Product Code: 7781
Document ID: M7781
Company: NEOGARD® - a Division of JONES-BLAIR® Company
2728 Empire Central
Dallas, TX 75235
1-214-353-1600

Revision Number: 1
Prior Version Date:
Chemical Family: Water Reducible Epoxy Hardener
Intended use: Industrial Maintenance Floor Primer
Emergency Contact: ChemTrec Center
Emergency Phone: 1-800-424-9300

II. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **WARNING!**
Causes eye burns.
May cause allergic skin reaction.
Causes skin burns.
Vapor harmful.
Harmful if swallowed.
May be harmful if absorbed through skin.
Causes nose and throat irritation.
Causes lung irritation.

Routes of Entry:

- Inhalation
- Skin absorption.
- Ingestion
- Eye contact

Target Organs Potentially Affected by Exposure:

- Eyes
- Skin
- Respiratory Tract
- Kidneys
- Lungs
- Central nervous system

Medical Conditions Aggravated by Exposure:

- Skin disorders.
- Eye disorders.
- Skin allergies.
- Respiratory disorders, including but not limited to asthma and bronchitis.
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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.

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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: Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material.

Skin Absorption: Contains Alkoxysilane. Prolonged or repeated exposure may cause kidney damage.

III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #
Polyamine Polymer	10 - 30	NAV
Talc	10 - 30	14807-96-6
Polyoxypropylenediamine	1 - 5	9046-10-0
Tetraethylenepentamine	1 - 5	112-57-2
Y-Aminopropyl-Triethoxysilane	0.5 - 1.5	919-30-2

IV. 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.

Eyes: 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.

V. FIRE FIGHTING MEASURES

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

Hazardous Combustion Products: Ammonia, Nitrogen containing gases, Toxic fumes, Chlorine containing gases, Carbon dioxide, Carbon monoxide, Silicon dioxide, Formaldehyde

Flash Point (°F/°C): Not applicable /

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment: Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.

Methods for Clean-up: 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.

VII. HANDLING AND STORAGE

Handling Technical Measures and Precautions: Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As

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

Storage Technical Measures and Conditions: Store in a cool dry place. Keep container(s) closed.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.

Respiratory Protection: 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 chemically resistant 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. Wear chemical resistant gloves.

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	OSHA Exposure Limits
Polyamine Polymer	No TLV		Not applicable
Talc	20 mppcf TWA		2mg/m ³
Polyoxypropylenediamine	No TLV		Not applicable
Tetraethylenepentamine	No TLV		Not applicable
Y-Aminopropyl-Triethoxysilane	No TLV		Not applicable

IX. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber
Physical State:	Liquid
Odor:	Ammonia Like
pH (target):	10
Vapor Pressure:	< 5.00
VOC (g/l) (Regulatory, Calculated):	14.21
(Actual, Calculated):	4.47
Viscosity:	47 - 57
Solubility in Water:	Complete; 100%
Freezing Point (°F):	<= 32
Octanol/Water Partition Coefficient:	Not Available
Volatiles, % by Volume (Calculated):	68.59
Volatiles, % by weight (Calculated):	61.57
Wt/Gal:	9.37 - 9.57

Physical and Chemical Properties are calculated target or range values for single packaged items and do not represent compliance values for multi-component (mixed) systems.

X. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Materials to Avoid/Chemical Incompatibility:	Sodium Nitrite, Acids, Oxidizing agents, Peroxides, Caustics (bases, alkalis), Moisture, Water, Humid Air
Polymerization:	Will not occur.
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide, Chlorine containing gases, Toxic fumes, Nitrogen containing gases, Ammonia, Formaldehyde, Silicon dioxide

XI. TOXICOLOGICAL INFORMATION

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Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
Polyamine Polymer	NAV	Oral LD50 Rat > 2000 mg/kg Dermal LD50 Rat > 2000 mg/kg
Polyoxypropylenediamine	9046-10-0	Dermal LD50 > 2000 mg/kg Oral LD50 > 2000 mg/kg
Tetraethylenepentamine	112-57-2	Rat > 2140 mg/kg

Carcinogens:

Chemical Name	CAS Number	IARC	NTP	OSHA
Not applicable				

XII. ECOLOGICAL INFORMATION

Toxicity data, if available, are listed below.

XIII. DISPOSAL CONSIDERATIONS

Disposal Methods: Refer to other sections of this MSDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

XIV. TRANSPORTATION 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

XV. REGULATORY INFORMATION

United States Federal Regulations:

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

SARA EHS Chemicals

Not applicable

CERCLA

Not applicable

SARA 311/312

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

SARA 313

Not applicable

U. S. State Regulations:

California Prop 65 Chemicals

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Cancer
Not applicable
Reproductive
Not applicable

Canadian Regulations:

CEPA DSL: The components of this product ARE listed on the Canadian Domestic Substances List.
WHMIS Hazard Class: D2A E

XVI. ADDITIONAL INFORMATION

Prepared By: Regulatory Department
Disclaimer: This MSDS 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.
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