

# Material Safety Data Sheet

Revision Date: 12-01-2011  
Product Code: 70714

## I. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** EPOXY RESIN CLEAR  
**Product Code:** 70714  
**Document ID:** M70714  
**Company:** NEOGARD® - a Division of JONES-BLAIR® Company  
2728 Empire Central  
Dallas, TX 75235  
1-214-353-1600  
**Revision Number:** 3  
**Prior Version Date:** 10-24-2008  
**Chemical Family:** Epoxy Coating  
**Intended use:** Industrial Maintenance Floor Coating  
**Emergency Contact:** ChemTrec Center  
**Emergency Phone:** 1-800-424-9300  
**International:** 703-527-3887

## II. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** **WARNING!**  
May cause allergic skin reaction.  
Causes eye irritation.  
May be harmful if absorbed through skin.  
Harmful if inhaled.

**Routes of Entry:**

- Ingestion
- Skin contact
- Eye contact

**Target Organs Potentially Affected by Exposure:**

- Skin

**Medical Conditions Aggravated by Exposure:**

- Skin disorders.
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### Immediate (Acute) Health Effects by Route of Exposure:

**Inhalation Irritation:** Causes lung irritation.  
**Skin Contact:** Causes skin irritation. May cause allergic skin reaction.  
**Ingestion Toxicity:** Harmful if swallowed.

### Long-Term (Chronic) Health Effects:

**Skin Contact:** Prolonged contact may cause an allergic skin reaction.

## III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #
Oxirane based epoxy homopolymer	70 - 90	25085-99-8
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	7 - 13	68609-97-2

## IV. FIRST-AID MEASURES

**Inhalation:** Remove individual to fresh air after an airborne exposure if any symptoms develop as a precautionary measure.  
**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.  
**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if

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**Ingestion:** irritation develops or persists. Thoroughly wash or discard clothing and shoes before reuse.  
If swallowed, do not induce vomiting. Get medical attention immediately.

## V. FIRE FIGHTING MEASURES

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

**Fire and/or Explosion Hazards:** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**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:** Carbon dioxide, Carbon monoxide, Aldehydes

**Flash Point (°F/°C):** 201 / 94

## 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:** Overexposure may be harmful. As 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 PEL-TWA
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## IX. PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Colorless

**Physical State:** Liquid

**Boiling Point - High (°F):** 300.0

**Vapor Pressure:** < 13.3 PA @ 77° F (25° C)

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**VOC (g/l)** (Regulatory, Calculated): 7.84  
(Actual, Calculated): 7.84  
**Solubility in Water:** Minimal; 1-9%  
**Octanol/Water Partition Coefficient:** Not Available  
**Volatiles, % by Volume** (Calculated): 0.99  
**Volatiles, % by weight** (Calculated): 0.72  
**Density:** 9.03 - 9.23 lbs./Gal.

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.  
**Conditions to Avoid:** Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.  
**Materials to Avoid/Chemical Incompatibility:** Oxidizing agents, Acids, Amines, Caustics (bases, alkalis)  
**Polymerization:** Will not occur.  
**Hazardous Decomposition Products:** Carbon dioxide, Carbon monoxide, Aldehydes

## XI. TOXICOLOGICAL INFORMATION

### Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
Oxirane based epoxy homopolymer	25085-99-8	Oral LD50 Rat > 5000 mg/kg Dermal LD50 Rabbit 4000 mg/kg
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	68609-97-2	Oral LD50 Rat > 2000 mg/kg Dermal LD50 > 2000 mg/kg Inhalation LC50 > 5 mg/L

### 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, 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.

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**SARA EHS Chemicals**

Epichlorohydrin

**CAS #**  
106-89-8

**%**  
< 10 ppm

**CERCLA**

Not applicable

**SARA 313**

Not applicable

**SARA 311/312**

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

**U. S. State Regulations:**

**California Prop 65 Chemicals**

**Cancer**

	<b>CAS #</b>	<b>%</b>
Ethyl Benzene	100-41-4	0.001- 0.01
Phenyl glycidyl ether	122-60-1	< 10 ppm
1-Chloro-2,3-epoxypropane	106-89-8	< 10 ppm
Benzene	71-43-2	< 10 ppb

**Reproductive**

Toluene	108-88-3	< 1 ppm
Benzene	71-43-2	< 10 ppb

**Canadian Regulations:**

**CEPA DSL:**

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

**WHMIS Hazard Class:**

D2B

**XVI. ADDITIONAL INFORMATION**

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**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.

**Print Date:** December 01, 2011