

# Safety Data Sheet

Revision Date: 09-02-2015  
Product Code: 70735

## 1. IDENTIFICATION

<b>Product Name</b>	<b>FLOOR-BRITE EPOXY CATALYST</b>
<b>Product Code</b>	70735
<b>Document ID</b>	G70735
<b>Revision Number</b>	1
<b>Prior Version Date</b>	None
<b>Intended Use</b>	Epoxy Coating Hardener
<b>Restrictions On Use</b>	For Industrial Use Only
<b>Chemical Family</b>	Polyamine Coating
<b>Chemical Manufacturer / Importer</b>	NEOGARD® - a Division of JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
<b>Emergency Telephone Number:</b>	ChemTrec Center 1-800-424-9300 <b>International:</b> 703-527-3887

## 2. HAZARD(S) IDENTIFICATION

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

Hazard  
Pictograms



GHS Classification

Skin Corrosion/Irritation Category 1A  
Serious Eye Damage/Eye Irritation Category 1  
Skin Sensitisation Category 1  
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 1  
Acute Toxicity - Inhalation Vapour Category 3  
Acute Toxicity - Dermal Category 4  
Acute Toxicity - Oral Category 4

Signal Word

Danger

Hazard Statements

Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Toxic if inhaled. Causes damage to organs.

Precautionary Statements

Prevention

Do not breathe dust, fume, mist, vapours or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection and face protection.

Response

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a

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position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed: Call a POISON CENTER or physician. Immediately call a POISON CENTER or physician. Rinse mouth. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

**Storage**

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal**

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

**Hazards Not Otherwise Classified (HNOC)**

Not applicable

**Additional Information**

Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
Polyoxypropylenediamine	9046-10-0	15 - 40
3-amino methyl-3,5,5 Trimethyl Amine	2855-13-2	10 - 30
Benzyl alcohol	100-51-6	10 - 30
Bisphenol-A-diglycidylether	25068-38-6	3 - 7
Benzoic acid	65-85-0	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**

<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Thoroughly wash or discard clothing and shoes before reuse.
<b>Ingestion</b>	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:** Pre-existing disorders of the following organs may be aggravated by exposure to this material: skin, lung (for example, asthma-like symptoms)

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
<b>Unsuitable Extinguishing Media</b>	No data available

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

**Hazardous Combustion Products**                      Carbon monoxide, Nitrogen containing gases, Carbon dioxide, Ammonia

**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. Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.  
Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**                      Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section VIII of this SDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

**Methods and Material for Containment and Cleaning 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.

## 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. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse.

**Conditions for Safe Storage**                      Store in a cool dry place. Keep container(s) closed.

**Materials to Avoid/Chemical Incompatibility**                      Oxidizing agents, Acids, Isocyanates, Anhydrides, Aluminum alloys, Caustics (bases, alkalis), Metals

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
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**Appropriate Engineering Controls**                      Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Facilities storing or using this material should be equipped with an eyewash and safety shower.

**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 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

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## General Hygiene Conditions

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.

As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Appearance

Physical State

Liquid

Color

Colorless

Odor

Ammonia Like, Aromatic

Odor Threshold

No data available

pH

No data available

Melting Point/Freezing Point (°F/°C)

No data available / No data available

Initial Boiling Point and Boiling Range

Low (°F)

392.0

High (°F)

476.6

Flash Point (°F/°C)

205 / 96

Evaporation Rate

> 1.00 Ethyl Ether

Flammability (solid, gas)

No data available

Upper Flammable/Explosive Limit

5.0

Lower Flammable/Explosive Limit

0.7

Vapor Pressure

1.00

Vapor Density

0.95

Relative Density

1.045

Solubility in Water

Low; 10-39%

Partition coefficient: n-octanol/water

No data available

Auto-ignition Temperature

No data available

Decomposition Temperature:

No data available

Volatiles, % by volume

0.00

Volatiles, % by weight

0.00

Volatile Organic Chemicals (g/L)

(Regulatory, Calculated)

0.00

(Actual, Calculated)

0.00

Density

8.09 - 8.29 lbs./Gal

## 10. STABILITY AND REACTIVITY

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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. Contamination.

Incompatible Materials

Oxidizing agents, Acids, Isocyanates, Anhydrides, Aluminum alloys, Caustics (bases, alkalis), Metals

Hazardous Decomposition Products

Carbon monoxide, Nitrogen containing gases, Carbon dioxide, Ammonia

## 11. TOXICOLOGICAL INFORMATION

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Routes of Exposure

Skin absorption

Skin contact

Eye contact

Ingestion

Inhalation

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## Immediate (Acute) Health Effects by Route of Exposure

<b>Inhalation Irritation</b>	Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Causes nose and throat irritation. Causes lung irritation.
<b>Inhalation Toxicity</b>	May cause allergic respiratory reaction.
<b>Skin Contact</b>	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. May cause allergic skin reaction.
<b>Skin Absorption</b>	May be harmful if absorbed through skin.
<b>Eye Contact</b>	Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.
<b>Ingestion Irritation</b>	Severely irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
<b>Ingestion Toxicity</b>	This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

## Long-Term (Chronic) Health Effects

<b>Inhalation</b>	Upon prolonged and/or repeated exposure, can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Prolonged and continuous exposure to an excessive concentration has been shown to affect respiratory function. This effect may be severe. Overexposure may cause lung damage.
<b>Skin Contact</b>	Upon prolonged or repeated contact can cause severe irritation, defatting, and dermatitis. May cause lingering effects but not likely to result in permanent damage if the exposure is eliminated. Prolonged contact may cause an allergic skin reaction.
<b>Skin Absorption</b>	Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.

## Product Toxicology Data

### Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Polyoxypropylenediamine	Oral LD50 Rat 1100 mg/kg	Dermal LD50 Rabbit 1550 mg/kg	
3-amino methyl-3,5,5 Trimethyl Amine	Oral LD50 Rat 1030 mg/kg	Dermal LD50 Rat > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.01 mg/L
Benzyl alcohol	Oral LD50 Rat 1360 mg/kg	Dermal LD50 Rabbit 2000 mg/kg	Inhalation LC50 (8h) Rat 1,000.00 ppm
Bisphenol-A-diglycidylether	Oral LD50 Rat > 15,000 mg/kg	Dermal LD50 Rabbit 23,000 mg/kg	
Benzoic acid	Oral LD50 Rat > 2000 mg/kg	Dermal LD50 Rabbit > 10,000 mg/kg	Inhalation LC50 (4h) Rat > 12.20 mg/L

### Carcinogen Information

<b>Chemical Name</b>	<b>IARC Carcinogen</b>	<b>OSHA Carcinogen</b>	<b>NTP Carcinogen</b>
Not applicable			

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity (aquatic and terrestrial, where available)</b>	No data available Components of this product are hazardous to wildlife and aquatic life.
<b>Mobility in soil</b>	No data available

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## 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  
**Hazard Class:** 8  
**UN Number:** UN3066  
**Packing Group:** III  
**Other:** This product qualifies for a limited quantity exception per CFR173.154(b)(2) for inner containers <= 1.3 gallon (5L) net capacity for liquids and packed in strong outer packagings.

**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

<u>SARA EHS Chemicals</u>	<u>CAS #</u>	<u>%</u>
Epichlorohydrin	106-89-8	< 0.1 ppm

<u>CERCLA</u>	<u>CAS #</u>	<u>%</u>
Benzoic acid	65-85-0	0.5 - 1.5

**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

<b>Cancer</b>	<u>CAS #</u>	<u>%</u>
Phenyl glycidyl ether	122-60-1	< 1 ppm
1-Chloro-2,3-epoxypropane	106-89-8	< 0.1 ppm

**Reproductive**  
Not applicable

### Canadian Regulations:

**CEPA DSL:** The components of this product ARE listed on the Canadian Domestic Substances List.

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**WHMIS Hazard Class:** D2A E

## 16. OTHER INFORMATION

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**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.