

Safety Data Sheet

Revision Date: 10-12-2015
Product Code: 70724-11

1. IDENTIFICATION

Product Name	EPOXY MASTIC LIGHT GRAY
Product Code	70724-11
Document ID	G70724-11
Revision Number	1
Prior Version Date	None
Intended Use	Industrial Maintenance Floor Coating
Restrictions On Use	For Industrial Use Only
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

Skin Sensitisation Category 1
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 1
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2
Carcinogenicity Category 2
Reproductive Toxicity Category 2

Signal Word

Danger

Hazard Statements

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust, fume, mist, vapours or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection and face protection. Use personal protective equipment as required.

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. IF exposed or concerned: Get medical attention. Get

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medical attention if you feel unwell. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash before reuse.

Store locked up.

Storage

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>
Quartz (Silica-Crystalline)	14808-60-7	15 - 40
Bisphenol-A-diglycidylether	25068-38-6	15 - 40
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	68609-97-2	5 - 10
Titanium dioxide	13463-67-7	3 - 7
Fumed silica	112945-52-5	1 - 5
4-Nonylphenol	84852-15-3	0.1 - 1

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.
Eye Contact	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 irritation develops or persists. Thoroughly wash or discard clothing and shoes before reuse.
Ingestion	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

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

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.
Special Protective Equipment and	Do not enter fire area without proper protection including self-contained

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Precautions for Fire-Fighters

breathing apparatus and full protective equipment. 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

Exposure to the spilled material may be irritating or harmful. 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 material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

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

Harmful or 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.
Oxidizing agents, Metals, Acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
Quartz (Silica-Crystalline)	see Table Z-3	0.05 mg/m ³ TWA (respirable fraction)	
Limestone	15 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)		
Titanium dioxide	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA	
Fumed Silica (Particles not otherwise regulated)	50 mppcf (15mg/m ³) TWA Total Dust; 15 mppcf (5mg/m ³) TWA Respirable fraction		

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.

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

Where use can result in skin contact, practice good personal hygiene. 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

As with all chemicals, good industrial hygiene practices should be followed when

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Conditions handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	Liquid
Color	Grey
Odor	No data available
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)	392.0
Flash Point (°F/°C)	201 / 94
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	No data available
Lower Flammable/Explosive Limit	No data available
Vapor Pressure	< 13.30 PA @ 77°F (25°C)
Vapor Density	No data available
Relative Density	2.250
Solubility in Water	Negligible; 0-1%
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Viscosity	250 - 400 PS
Volatiles, % by volume	0.42
Volatiles, % by weight	0.22
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	3.67
(Actual, Calculated)	3.67
Density	13.66 - 14.06 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. Contamination.
Incompatible Materials	Oxidizing agents, Metals, Acids

11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation Eye contact Skin contact Ingestion
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Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.
Skin Contact	Can cause moderate skin irritation. May cause allergic skin reaction.

Long-Term (Chronic) Health Effects

Carcinogenicity	Cancer hazard: Contains Crystalline Silica, which can cause cancer. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists. Contains Titanium Dioxide which is listed by IARC as possibly carcinogenic
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to humans (Group 2B). This listing is based on inadequate evidence with respect to humans and sufficient evidence in experimental animals.

Overexposure may cause lung damage.

Prolonged contact may cause an allergic skin reaction.

Inhalation

Skin Contact

Product Toxicology Data

Oral Acute Toxicity Estimate (ATE)

27,329.81 mg/kg

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	Oral LD50 Rat > 22,500 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 20.00 mg/L
Bisphenol-A-diglycidylether	Oral LD50 Rat > 15,000 mg/kg	Dermal LD50 Rabbit 23,000 mg/kg	
Limestone	Oral LD50 Rat 6450 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.00 mg/L
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	Oral LD50 Rat > 2000 mg/kg	Dermal LD50 > 2000 mg/kg	Inhalation LC50 > 20.00 mg/L
Titanium dioxide	Oral LD50 Rat > 25,000 mg/kg	Dermal LD50 Rabbit > 10,000 mg/kg	Inhalation LC50 (4h) Rat > 6.82 mg/L
Fumed silica	Oral LD50 Rat > 1000 mg/kg		

Carcinogen Information

Chemical Name

Quartz

Titanium dioxide

IARC Carcinogen

1

2B

OSHA Carcinogen

NTP Carcinogen

1

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, 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.

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Regulated Components

SARA EHS Chemicals

	<u>CAS #</u>	<u>%</u>
Phenol	108-95-2	< 10 ppm
Epichlorohydrin	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

	<u>CAS #</u>	<u>%</u>
Crystalline Silica	14808-60-7	15 - 40
Titanium dioxide	13463-67-7	3 - 7
Ethyl Benzene	100-41-4	0.01 - 0.1
Carbon Black	1333-86-4	0.01 - 0.1
Phenyl glycidyl ether	122-60-1	< 10 ppm
1-Chloro-2,3-epoxypropane	106-89-8	< 10 ppm

Reproductive

Not applicable

Canadian Regulations:

CEPA DSL:

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

WHMIS Hazard Class:

D2A

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.