

MATERIAL SAFETY DATA SHEET

70718-02

I PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	FLEXIBLE EPOXY JOINT COMPOUND GRAY
PRODUCT CODE	70718-02
DOCUMENT ID	M70718-02
CHEMICAL FAMILY	Epoxy Coating
REVISION NUMBER	2
PRIOR VERSION DATE	02-24-2009
COMPANY:	NEOGARD® - DIVISIÓN DE JONES-BLAIR® COMPAÑÍA 2728 Empire Central Dallas, TX 75235
INTERNATIONAL:	703-527-3887
EMERGENCY CONTACT	ChemTrec Center
EMERGENCY PHONE	1-800-424-9300

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:	<ul style="list-style-type: none">• Ingestion• Skin contact• Eye contact• Inhalation

MATERIAL SAFETY DATA SHEET

TARGET ORGANS POTENTIALLY AFFECTED BY EXPOSURE:	<ul style="list-style-type: none">• Skin• Lungs• Respiratory Tract
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	<ul style="list-style-type: none">• Skin disorders.• Respiratory disorders, including but not limited to asthma and bronchitis.• Lung disease

Immediate (Acute) Health Effects by Route of Exposure:

INHALATION IRRITATION	Causes lung irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.
INHALATION TOXICITY	Harmful if swallowed
SKIN CONTACT	Causes skin irritation. May cause allergic skin reaction.

Long-Term (Chronic) Health Effects

CARCINOGENICITY	Contains Titanium Dioxide which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence with respect to humans and sufficient evidence in experimental animals.
SKIN CONTACT	Prolonged contact may cause an allergic skin reaction.

III COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #
Oxirane based epoxy homopolymer	40 - 60	25085-99-8
Oxirane, mono[[C12-14-alkyloxy)methyl] derivatives	5 - 10	68609-97-2

MATERIAL SAFETY DATA SHEET

Titanium dioxide	3 - 7	13463-67-7
Fumed Silica (Particles not otherwise regulated)	1 - 5	67762-90-7

IV FIRST-AID MEASURES

INHALATION	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
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 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.

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	Not applicable
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)	302 / 150

VI ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS AND EQUIPMENT	Follow personal protective equipment recommendations found in
-------------------------------------------	---------------------------------------------------------------

MATERIAL SAFETY DATA SHEET

	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. 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 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

MATERIAL SAFETY DATA SHEET

Control Parameters:

CHEMICAL NAME			
Chemical Name	ACGIH TLV-TWA	ACGIH STEL	OSHA PEL-TWA
Titanium dioxide	10 mg/m TWA		15 mg/m TWA (total dust)
Fumed Silica (Particles not otherwise regulated)			50 mppcf (15mg/m) TWA Total Dust; 15 mppcf (5mg/m) TWA Respirable fraction

IX PHYSICAL AND CHEMICAL PROPERTIES

COLOR:	Grey
PHYSICAL STATE	LIQUID
BOILING POINT - (°F)	300.0
VAPOR PRESSURE	< 13.3 PA @ 77 F (25 C)
VOC (G/L) (REGULATORY, CALCULATED)	3.59
VOC (G/L) (ACTUAL, CALCULATED)	3.59
VISCOSITY	15000- 22000 CPS
SOLUBILITY IN WATER	Minimal; 1-9%
OCTANOL/WATER PARTITION COEFFICIENT	Not Available

MATERIAL SAFETY DATA SHEET

VOLATILES, % BY VOLUME (CALCULATED)	0.44
VOLATILES, % BY WEIGHT (CALCULATED)	0.32
DENSITY	9.31 – 9.51 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), Metals
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

MATERIAL SAFETY DATA SHEET

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
Titanium dioxide	13463-67-7	Oral LD50 Rat > 25 g/kg Dermal LD50 Rabbit > 10 g/kg Inhalation LC50 (4h) Rat > 6.82 mg/L
Fumed silica	67762-90-7	Oral LD50 Rat > 1000 mg/kg

Carcinogens

Chemical Name	CAS Number	IARC	NTP	OSHA
Titanium dioxide	13463-67-7	2B		

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

MATERIAL SAFETY DATA SHEET

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.

	CAS #	%
SARA EHS Chemicals 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	CAS #	%
Titanium dioxide	13463-67-7	3 - 7
Carbon Black	1333-86-4	0.01 – 0.1
Ethyl Benzene	100-41-4	0.01 – 0.1
Phenyl glycidyl ether	122-60-1	< 10 ppm
1-Chloro-2,3-epoxypropane	106-89-8	< 10 ppm
Benzene	71-43-2	< 1 ppm

MATERIAL SAFETY DATA SHEET

REPRODUCTIVE		
Toluene	108-88-3	0.001- 0.01
Benzene	71-43-2	< 1 ppm

Canadian Regulations:

CEPA DSL	The components of this product ARE listed on the Canadian Domestic Substances List.
WHMIS HAZARD CLASS	D2A

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.
PRINT DATE	June 18, 2012