

Safety Data Sheet

Revision Date: 06-26-2015
Product Code: 70800-02

1. IDENTIFICATION

Product Name	NEocreTE WATER BORNE POLYURETHANE RESIN GRAY
Product Code	70800-02
Document ID	G70800-02
Revision Number	1
Prior Version Date	None
Intended Use	Industrial Maintenance Floor TopCoat
Restrictions On Use	For Industrial Use Only
Chemical Family	Water Borne Urethane
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 Serious Eye Damage/Eye Irritation Category 2B
Carcinogenicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2

Signal Word Warning

Hazard Statements Causes eye irritation Suspected of causing cancer. May cause 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. Use personal protective equipment as required.

Response 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 medical attention if you feel unwell. If eye irritation persists: Get medical attention.

Storage Store locked up.

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

Safety Data Sheet

Revision Date: 06-26-2015
Product Code: 70800-02

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>
Castor oil	8001-79-4	40 - 60
Titanium dioxide	13463-67-7	3 - 7
Ethylene glycol	107-21-1	1 - 5

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. Get medical attention if irritation develops or persists.
Ingestion	If swallowed, do not induce vomiting. Get medical attention immediately. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

Most Important Acute Symptoms and Effects	Not Available
Most Important Delayed Symptoms and Effects	Not Available
Special treatment needed:	No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Carbon dioxide Alcohol foam Dry chemical Water spray
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 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. Will not burn, no special instructions available. Use methods appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	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. See MSDS sections III, XIII and XV for disposal considerations.
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Safety Data Sheet

Revision Date: 06-26-2015

Product Code: 70800-02

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

Overexposure may be harmful. 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.

Conditions for Safe Storage

Store in a cool dry place. Keep container(s) closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
Titanium dioxide	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA	

Appropriate Engineering Controls Respiratory Protection

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

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 Skin Protection

Wear safety glasses with side shields when handling this product.

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 Conditions

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State

Liquid

Color

Grey

Odor

No data available

Odor Threshold

No data available

pH

8.00

Melting Point/Freezing Point (°F/°C)

No data available / No data available

Initial Boiling Point and Boiling Range

Low (°F)

No data available

Flash Point (°F/°C)

250 / 121

Flammability (solid, gas)

No data available

Upper Flammable/Explosive Limit

No data available

Lower Flammable/Explosive Limit

No data available

Vapor Density

No data available

Relative Density

0.960

Solubility in Water

Minimal; 1-9%

Partition coefficient: n-octanol/water

No data available

Auto-ignition Temperature

No data available

Decomposition Temperature:

No data available

Viscosity

900 - 2,000 CPS

Volatiles, % by volume

29.10

Safety Data Sheet

Revision Date: 06-26-2015
Product Code: 70800-02

Volatiles, % by weight 28.64
Volatile Organic Chemicals (g/L)
(Regulatory, Calculated) 39.12
(Actual, Calculated) 28.75
Density 8.43 - 8.63 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.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure Inhalation
Skin contact
Eye contact

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 minor skin irritation.

Eye Contact Causes eye irritation.

Ingestion Toxicity Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

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.

Product Toxicology Data

Oral Acute Toxicity Estimate (ATE) 17,809.81 mg/kg

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide	Oral LD50 Rat > 25,000 mg/kg	Dermal LD50 Rabbit > 10,000 mg/kg	Inhalation LC50 (4h) Rat > 6.82 mg/L

Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Titanium dioxide	2B		

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

Safety Data Sheet

Revision Date: 06-26-2015
Product Code: 70800-02

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.

Regulated Components

SARA EHS Chemicals

Not applicable

CAS # **%**

CERCLA

Ethylene Glycol 107-21-1 1 - 5

SARA 313

Ethylene Glycol 107-21-1 1 - 5

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

Titanium dioxide 13463-67-7 3 - 7
Carbon Black 1333-86-4 0.01 - 0.1

Reproductive

Ethylene Glycol (ingested) 107-21-1 1 - 5

Canadian Regulations:

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

WHMIS Hazard Class: D2A

16. OTHER INFORMATION

Revision Date 06-26-2015

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.