

# Safety Data Sheet

Revision Date: 01-25-2016  
Product Code: 7922

## 1. IDENTIFICATION

Product Name	URETHANE VERTICAL ADDITIVE
Product Code	7922
Document ID	G7922
Revision Number	1
Prior Version Date	None
Intended Use	Paint Additive
Restrictions On Use	For Industrial Use Only
Chemical Family	Amine Curing Agent
Chemical Manufacturer / Importer	NEOGARD, a Division of Hempel (USA), Inc. 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 2  
Carcinogenicity Category 2  
Acute Toxicity - Dermal Category 4  
Acute Toxicity - Oral Category 4

### Signal Word

Warning

### Hazard Statements

Harmful if swallowed or in contact with skin. Causes serious eye irritation.  
Suspected of causing cancer.

### Precautionary Statements

#### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection and face protection. Use personal protective equipment as required.

#### Response

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. 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. Call a POISON CENTER or physician if you feel unwell. Rinse mouth. If eye irritation persists: Get medical attention. Wash contaminated clothing before reuse.

#### Storage

Store locked up.

# Safety Data Sheet

Revision Date: 01-25-2016

Product Code: 7922

**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>
4,4'-Methylenebis(2-ethylaniline)	19900-65-3	10 - 30

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. If not breathing, give artificial respiration. Get medical attention immediately.

**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.

**Ingestion** If swallowed, do not induce vomiting. Get medical attention immediately. 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:** 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.

**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.

## 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.

**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. This material is a water pollutant and should be prevented from contaminating soil or

# Safety Data Sheet

Revision Date: 01-25-2016

Product Code: 7922

from entering sewage and drainage systems and bodies of water.

## 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.

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
No data available			

**Appropriate Engineering Controls** 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 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 Conditions** As with all chemicals, good industrial hygiene practices should be followed when handling this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Physical State</b>	Liquid
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point/Freezing Point (°F/°C)</b>	No data available / No data available
<b>Initial Boiling Point and Boiling Range</b>	
Low (°F)	No data available
<b>Flash Point (°F/°C)</b>	250 / 121
<b>Flammability (solid, gas)</b>	No data available
<b>Upper Flammable/Explosive Limit</b>	No data available
<b>Lower Flammable/Explosive Limit</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	1.051
<b>Solubility in Water</b>	Minimal; 1-9%
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Volatiles, % by volume</b>	0.00
<b>Volatiles, % by weight</b>	0.00
<b>Volatile Organic Chemicals (g/L)</b>	
(Regulatory, Calculated)	0.00
(Actual, Calculated)	0.00

# Safety Data Sheet

Revision Date: 01-25-2016  
Product Code: 7922

Density 8.67 - 8.87 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

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

Inhalation Irritation	Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
Inhalation Toxicity	Overexposure may cause coughing, wheezing and/or chest pain. Overexposure may cause loss of consciousness. Overexposure may lead to congestion of the lungs causing shortness of breath. Overexposure may cause convulsions.
Skin Contact	Causes skin irritation. May cause skin sensitization.
Eye Contact	Causes eye irritation.
Ingestion Toxicity	Harmful if swallowed. May cause vomiting. Nausea and stomach pain may occur. Loss of consciousness may occur. Convulsions may occur.

### Long-Term (Chronic) Health Effects

Skin Contact	Prolonged contact may cause an allergic skin reaction.
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### Product Toxicology Data

#### Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
4,4'-Methylenebis(2-ethylaniline)	Oral LD50 Rat 980 mg/kg	Dermal LD50 Rat > 1000 mg/kg	

### Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Not applicable			

## 12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available)	No data available Components of this product are hazardous to wildlife and aquatic life.
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.
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## 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:** Environmentally Hazardous Substance, Liquid, n.o.s. (Butyl Benzyl Phthalate; 4,4'-Methylenebis(2-ethylaniline))

# Safety Data Sheet

Revision Date: 01-25-2016  
Product Code: 7922

**Hazard Class:** 9  
**UN Number:** UN3082  
**Packing Group:** III  
**Other:** Single containers less than RQ (10 lbs) are Not Regulated.

**IATA Air Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Butyl Benzyl Phthalate; 4,4'-Methylenebis(2-ethylaniline))

**IATA Hazard Class:** 9  
**IATA UN Number:** UN3082  
**IATA Packing Group:** III

**IMO Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Butyl Benzyl Phthalate; 4,4'-Methylenebis(2-ethylaniline))

**IMO Hazard Class:** 9  
**IMO UN Number:** UN3082  
**IMO Packing Group:** III

**Marine Pollutant:** Y

## 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

#### CAS #

#### %

Not applicable

#### CERCLA

Not applicable

#### SARA 313

Not applicable

#### SARA 311/312

Health (Acute): Y

Health (chronic): N

Fire (Flammable): N

Pressure: N

Reactivity: N

### U. S. State Regulations:

#### California Prop 65 Chemicals

#### **Cancer**

#### CAS #

#### %

Not applicable

#### **Reproductive**

Not applicable

### Canadian Regulations:

#### **CEPA DSL:**

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

## 16. OTHER INFORMATION

**Revision Date** 01-25-2016

**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

# Safety Data Sheet

**Revision Date:** 01-25-2016

**Product Code:** 7922

safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.