

MATERIAL SAFETY DATA SHEET

7922

I. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	URETHANE VERTICAL ADDITIVE
PRODUCT CODE:	7922
DOCUMENT ID:	M7922
COMPANY:	NEOGARD® - a Division of JONES-BLAIR® Company 2728 Empire Central Dallas, TX 75235 1-214-353-1600
REVISION NUMBER:	3
PRIOR VERSION DATE:	05-06-2010
CHEMICAL FAMILY:	AMINE CURING AGENT
INTENDED USE:	PAINT ADDITIVE
EMERGENCY CONTACT:	CHEMTREC CENTER
EMERGENCY PHONE:	1-800-424-9300
INTERNATIONAL:	703-527-3887

II. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	WARNING! Causes skin irritation. Causes eye irritation. Vapor harmful. Harmful if swallowed. May be harmful if absorbed through skin.
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ROUTES OF ENTRY:	<ul style="list-style-type: none">• Inhalation• Ingestion• Skin contact• Eye contact
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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:

INGESTION:	Prolonged or repeated overexposure may cause central nervous system, kidney and liver damage.
SKIN CONTACT:	Prolonged contact may cause an allergic skin reaction

III. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #
BUTYL BENZYL PHTHALATE	70 - 90	85-68-7
4,4'-METHYLENEBIS(2-ETHYLANILINE)	10 - 30	19900-65-3

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IV. 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.
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.
INGESTION:	If swallowed, do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

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:	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.
FIRE FIGHTING METHODS AND PROTECTION:	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.
FLASH POINT (F/ C):	250 / 121

VI. ACCIDENTAL RELEASE MEASURES

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

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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 from entering sewage and drainage systems and bodies of water.

VII. HANDLING AND STORAGE

HANDLING TECHNICAL MEASURES AND PRECAUTIONS:	Overexposure may be harmful. Follow all protective equipment recommendations provided in Section VIII. 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.
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:	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. Chemical Resistant gloves are recommended.

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XIV. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Boiling Point - Low (°F): 455.0
Boiling Point - High (°F): 491.0
VOC (g/l) (Regulatory, Calculated): 0.00
(Actual, Calculated): 0.00
Solubility in Water: Minimal; 1-9%
Octanol/Water Partition Coefficient: Not Available
Volatiles, % by Volume (Calculated): 0.00
Volatiles, % by weight (Calculated): 0.00
Density: 9 - 9 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.

XI. TOXICOLOGICAL INFORMATION

Component Toxicology Data:				
Chemical Name	CAS Number	LD50/LC50		
Butyl benzyl phthalate	85-68-7	Oral LD50 Rat > 2,000 mg/kg Dermal LD50 Rabbit > 5,000 mg/kg Inhalation LC50 (4h) Rat > 7 mg/L		
4,4'-Methylenebis(2-ethylaniline)	19900-65-3	Oral LD50 Rat > 1,000 mg/kg Dermal LD50 Rat > 1,000 mg/kg		
Carcinogens:				
Chemical Name	CAS Number	IARC	NTP	OSHA

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Not applicable				
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XII. ECOLOGICAL INFORMATION

Toxicity data, if available, are listed below. Components of this product are hazardous to wildlife and aquatic life.

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

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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

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.		
SARA EHS Chemicals Not applicable	CAS #	%
CERCLA Butyl Benzyl Phthalate	85 – 68 - 7	70 - 90
SARA 313 Not applicable		
SARA 311/312 Health (Acute): Y Health (chronic): Y Fire (Flammable):N Pressure: N Reactivity: N		

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U. S. State Regulations: California Prop 65 Chemicals Cancer		
Not applicable		
Reproductive		
Butyl Benzyl Phthalate	85-68-7	70 - 90
Canadian Regulations: CEPA DSL: The components of this product ARE listed on the Canadian Domestic Substances List. WHMIS Hazard Class: D2B		

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.
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