

SAFETY DATA SHEET



56 - W/D EPOXY ESTER SEALER


1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	56 - W/D EPOXY ESTER SEALER
Product Code:	56
Product Use:	Sealer

Manufacturer
Richard's Paint
200 Paint Street
Rockledge, Florida,
800-432-0983

24 Hour Emergency Telephone Number
CHEMTEL (US): (800)255-3924
CHEMTEL (International): (813)248-0585

2. HAZARDS IDENTIFICATION

Classification:	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Skin Sensitization: Category 1 Carcinogenicity: Category 2
Signal Word:	Warning
Pictograms:	
Hazard Statements:	H317: May cause an allergic skin reaction H351: Suspected of causing cancer
Prevention Precautionary Statements:	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P261: Avoid breathing dust/fumes/gas/mist/vapors/spray P272: Contaminated work clothing should not be allowed out of the workplace P280: Wear protective gloves/protective clothing/eye protection/face protection P281: Use personal protective equipment as required
Response Precautionary Statements:	P302+352: IF ON SKIN: Wash with plenty of water P308+313: IF exposed: Call a POISON CENTER or doctor/physician P333+313: If skin irritation or a rash occurs: Get medical advice/attention P363: Wash contaminated clothing before reuse

Storage Precautionary Statements:	P405: Store locked up
Disposal Precautionary Statements:	P501: Dispose of contents/container to an approved waste disposal plant
Hazards Not Otherwise Classified:	May cause allergic skin reaction

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
2-butoxyethanol	1% to 5%	111-76-2
Propylene glycol propyl ether	1% to 5%	1569-01-3
Triethylamine	1% to 5%	121-44-8
Polyethylene glycol tert-octylphenyl ether	0% to 1%	9036-19-5
4,4-dimethyloxazolidine	0% to 1%	51200-87-4

4. FIRST AID MEASURES

General Advice:	No hazards requiring special first aid measures
Eyes:	Remove contact lenses, if applicable. Flush eyes with water for at least 10 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.
Skin:	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
Ingestion:	Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Consult a physician if symptoms persist.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
Most Important Symptoms/Effects:	May cause allergic skin reaction
Notes to Physician:	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Use measures suitable to the circumstances and environment
Precautions for Firefighters:	Wear self-contained breathing apparatus and protective gear
Specific Hazards:	Sealed containers may rupture if exposed to high temperatures

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors.
Other Precautions:	If safe to do so, prevent additional spillage
Clean-Up Method:	Soak up with non-combustible absorbent material. Dispose of used absorbent in suitable containers.

7. HANDLING AND STORAGE

Handling Precautions:	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Wear respiratory equipment if ventilation is insufficient.
Storage Precautions:	Keep container upright, properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area.
Incompatible Materials:	None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

2-butoxyethanol(111-76-2)		
ACGIH TWA:	20 ppm	--
NIOSH TWA:	5 ppm	24 mg/m ³
OSHA TWA:	50 ppm	240 mg/m ³
Triethylamine(121-44-8)		
ACGIH STEL:	3 ppm	--
ACGIH TWA:	1 ppm	--
OSHA STEL:	15 ppm	60 mg/m ³
OSHA TWA:	10 ppm	40 mg/m ³

Engineering Measures:	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
Hygiene Measures:	No eating, drinking, or smoking while in use. Avoid contact with skin, eyes, and clothing. Wash hands, forearms, and face after handling. Wash contaminated clothing before re-use.
Eye/Face Protection:	Safety glasses/goggles
Skin Protection:	Protective gloves and protective clothing
Respiratory Protection:	Respiratory equipment if ventilation is inadequate

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Little to none
Odor Threshold:	No information available
pH:	8.5-9.5
Melting Point (°F):	No information available
Boiling Point (°F):	No information available
Flash Point (°F):	>141
Flash Point Method:	No information available
Evaporation Rate:	No information available
Flammability (Solid/Gas):	No information available
Flammability Limits:	No information available
Vapor Pressure (mm Hg):	No information available
Vapor Density:	No information available
Specific Gravity:	No information available

% Solubility in Water:	No information available
Octanol/Water Partition Coefficient:	No information available
Auto-Ignition Temperature (°F):	No information available
Decomposition Temperature (°F):	No information available
Viscosity (KU):	No information available
Volatile Organic Compounds (g/L):	349

10. STABILITY AND REACTIVITY

Reactivity:	Not applicable
Possibility of Hazardous Reactions:	None under normal conditions of use
Hazardous Decomposition Products:	None under normal conditions of use
Stability:	Stable under normal storage conditions
Incompatible Materials:	None
Conditions to Avoid:	Freezing

11. TOXICOLOGICAL INFORMATION

2-butoxyethanol(111-76-2)	
Dermal LD50 (rabbit):	1060 mg/kg
Intraperitoneal LD50 (rat):	220 mg/kg
Intravenous LD50 (rat):	307 mg/kg
Oral LD50 (rat):	880 mg/kg
Polyethylene glycol tert-octylphenyl ether(9036-19-5)	
Dermal LD50 (rabbit):	>3000 mg/kg
Oral LD50 (rat):	1900-5000 mg/kg
Propylene glycol propyl ether(1569-01-3)	
Dermal LD50 (rabbit):	4330 mg/kg
Oral LD50 (rat):	2490 mg/kg
Triethylamine(121-44-8)	
Dermal LD50 (rabbit):	580 mg/kg
Inhalation LC50 (rat, 4 hrs):	7.1 mg/L
Oral LD50 (rat):	730 mg/kg

Primary Routes of Exposure:	Eye contact, skin contact, inhalation
Acute Toxicity:	No information available

Exposure Effects	
Eye Contact:	Irritation
Skin Contact:	Irritation, drying
Inhalation:	Irritation of respiratory system

Ingestion:	Gastrointestinal irritation, diarrhea, nausea, vomiting
Target Organ (Single Exposure):	No information available
Target Organ (Repeated Exposure):	No information available
Sensitization:	No information available
Carcinogenicity:	No information available
Mutagenicity:	No information available
Reproductive Toxicity:	No information available
Other:	No information available

12. ECOLOGICAL INFORMATION

2-butoxyethanol(111-76-2)	
Biodegradability (aerobic, 28 days):	90.4%
Growth inhibition EC50 (green algae, 72 hrs):	1840 mg/L
Immobilization EC50 (water flea, 48 hrs):	1550 mg/L
Static LC50 (rainbow trout, 96 hrs):	1474 mg/L
Polyethylene glycol tert-octylphenyl ether(9036-19-5)	
IC50 (bacteria, 16 hrs):	5000 mg/L
LC50 (fathead minnow, 96 hrs):	4-8.9 mg/L
LC50 (water flea, 48 hrs):	18-26 mg/L
Propylene glycol propyl ether(1569-01-3)	
Biodegradability (aerobic, 28 days):	91.5%
Static EC50 (Pseudokirchneriella subcapitata, 72 hrs):	3440 mg/L
Static LC50 (rainbow trout, 96 hrs):	>100 mg/L
Static LC50 (water flea, 48 hrs):	>100 mg/L
Triethylamine(121-44-8)	
BCF (carp, 42 days):	<0.5
Biodegradability (aerobic, 28 days):	80%
EC50 (green algae, 72 hrs):	8 mg/L
LC50 (bacteria, 17 hrs):	95 mg/L
LC50 (Orange-red killifish, 96 hrs):	24 mg/L
LC50 (water flea, 48 hrs):	17 mg/L
NOEC (green algae, 72 hrs):	1.1 mg/L

Ecotoxicological Effects:	The environmental impact of this substance has not been fully evaluated
Persistence/Degradability:	No information available
Bioaccumulative Potential:	No information available
Environmental Mobility:	No information available
Other Effects:	No information available

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Dispose of in accordance with federal, state, provincial, and local regulations.
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14. TRANSPORT INFORMATION

DOT:	Not regulated
ICAO/IATA:	Not regulated
IMDG/IMO:	Not regulated

15. REGULATORY INFORMATION

TSCA (US):	All components are listed or exempt
DSL/NDSL (Canada):	All components are listed or exempt

<u>311/312 Hazard Categories</u>	
Fire:	No
Pressure Generating:	No
Reactivity:	No
Acute:	Yes
Chronic:	Yes

<u>CERCLA Section 302</u>	
Reportable Quantities:	This material does not contain any hazardous components listed on Table 302.4 Triethylamine, 5000 lbs

<u>SARA 313</u>			
Chemical Name	CAS Number	Max Weight %	de minimis limit
Triethylamine	121-44-8	5	1.0

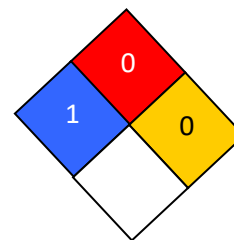
<u>State Right-to-Know</u>					
Chemical Name	CAS Number	MA	NJ	PA	RI
2-butoxyethanol	111-76-2	X	X	X	X
Propylene glycol propyl ether	1569-01-3		X	X	
Triethylamine	121-44-8	X	X	X	X
Polyethylene glycol tert-octylphenyl ether	9036-19-5		X	X	
4,4-dimethyloxazolidine	51200-87-4		X	X	

California Proposition 65:	This product does not contain any materials known to the state of California to cause cancer or reproductive harm.
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16. OTHER INFORMATION

HMIS RATING	
Health:	1*
Flammability:	0
Reactivity:	0
Personal Protection:	--

NFPA CODES



PPE rating has been left intentionally blank. Choose appropriate PPE based upon actual conditions of use.

Revision Indicator:	Revised 2/11/2022
Disclaimer:	The information contained in this Safety Data Sheet (SDS) is provided in good faith and is believed to be accurate as of the effective date listed. The information applies only to the product as provided and may not be valid if combined with other materials. No warranty is implied or given. The user is responsible for complying with all applicable laws and regulations.