SAFETY DATA SHEET

71 - CLEAR ACRYLIC URETHANE SANDING SEALER

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	71 - CLEAR ACRYLIC URETHANE SANDING SEALER
Product Code:	71
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
Texanol ester alcohol	1% to 5%	25265-77-4
2-butoxyethanol	1% to 5%	111-76-2
Diethylene glycol butyl ether	1% to 5%	112-34-5
n-methyl-2-pyrrolidone	1% to 5%	872-50-4
Tri(ethylene glycol) bis(2-ethylhexanoate)	1% to 5%	94-28-0
Polyethylene glycol tert-octylphenyl ether	0% to 1%	9036-19-5
Triethylamine	0% to 1%	121-44-8
Amorphous silicon dioxide	0% to 1%	112945-52-5
Ammonium hydroxide	0% to 1%	1336-21-6

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/m3
OSHA TWA:	50 ppm	240 mg/m3
Ammonium hydroxide(1336-21-6)		
ACGIH STEL:	35 ppm	--
ACGIH TWA:	25 ppm	--
NIOSH ST:	35 ppm	27 mg/m3
NIOSH TWA:	25 ppm	18 mg/m3
Amorphous silicon dioxide(112945-52-5)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mppcf	80 mg/m3/%SiO2
Diethylene glycol butyl ether(112-34-5)		
ACGIH TWA:	10 ppm	--
n-methyl-2-pyrrolidone(872-50-4)		
WEEL TWA:	10 ppm	--
Triethylamine(121-44-8)		
ACGIH STEL:	3 ppm	--
ACGIH TWA:	1 ppm	--
OSHA STEL:	15 ppm	60 mg/m3
OSHA TWA:	10 ppm	40 mg/m3

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 (ºF):	No information available
Boiling Point (ºF):	100.0 -212
Flash Point (ºF):	200.00
Flash Point Method:	Closed cup
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 (ºF):	No information available
Decomposition Temperature (ºF):	No information available
Viscosity (KU):	58-60

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
Diethylene glycol butyl ether(112-34-5)	
Dermal LD50 (rabbit):	2764 mg/kg
Oral LD50 (rat):	7291 mg/kg
n-methyl-2-pyrrolidone(872-50-4)	
Dermal LD50 (rabbit):	8000 mg/kg
Inhalation LDLO (rat, 4 hrs):	>5100 ppm
Oral LD50 (rat):	3914 mg/kg
Polyethylene glycol tert-octylphenyl ether(9036-19-5)	
Dermal LD50 (rabbit):	>3000 mg/kg
Oral LD50 (rat):	1900-5000 mg/kg
Texanol ester alcohol(25265-77-4)	
Dermal LD50 (rabbit):	15200 mg/kg
Oral LD50 (rat):	6500 mg/kg
Tri(ethylene glycol) bis(2-ethylhexanoate)(94-28-0)	
Dermal LD50 (rat):	>2000 mg/kg
Inhalation LC50 (rat, 4 hrs):	>2 mg/L
Oral LD50 (rat):	>2000 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
Diethylene glycol butyl ether(112-34-5)	
Biodegradability (aerobic, 28 days):	91.7%
LC50 (Pseudomonas putida, 16 hrs):	1170 mg/L

Static EC50 (Scenedesmus subspicatus, 96 hrs):	>100 mg/L
Static EC50 (water flea, 48 hrs):	>100 mg/L
Static LC50 (Lepomis macrochirus, 96 hrs):	1300 mg/L
n-methyl-2-pyrrolidone(872-50-4)	
Biodegradability:	90%
EC50 (water flea, 24 hrs):	>1000 mg/L
LC50 (bacteria):	>9000 mg/L
LC50 (fish, 96 hrs):	4000 mg/L
LC50 (golden orfe, 96 hrs):	>500 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
Texanol ester alcohol(25265-77-4)	
Biodegradability (aerobic, 28 days):	>98%
Static EC50 (green algae, 72 hrs):	18.4 mg/L
Static EC50 (water flea, 48 hrs):	147.8 mg/L
Static LC50 (fathead minnow, 96 hrs):	33 mg/L
Tri(ethylene glycol) bis(2-ethylhexanoate)(94-28-0)	
Biodegradability (aerobic, 28 days):	92%
Static EC50 (green algae, 72 hrs):	>55.9 mg/L
Static EC50 (water flea, 48 hrs):	38.7 mg/L
Static LC50 (fathead minnow, 96 hrs):	>97 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.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

TSCA (US):	Not all components are listed
DSL/NDSL (Canada):	All components are listed or exempt

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

CERCLA Section 302	
Reportable Quantities:	Ammonium hydroxide, 1000 lbs Triethylamine, 5000 lbs

SARA 313

Chemical Name	CAS Number	Max Weight %	de minimis limit
n-methyl-2-pyrrolidone	872-50-4	5	1.0

State Right-to-Know

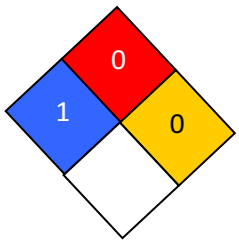
Chemical Name	CAS Number	MA	NJ	PA	RI
Texanol ester alcohol	25265-77-4		X	X	
2-butoxythanol	111-76-2	X	X	X	X
Diethylene glycol butyl ether	112-34-5		X	X	
n-methyl-2-pyrrolidone	872-50-4	X	X	X	
Tri(ethylene glycol) bis(2-ethylhexanoate)	94-28-0		X	X	
Polyethylene glycol tert-octylphenyl ether	9036-19-5		X	X	
Triethylamine	121-44-8	X	X	X	X
Amorphous silicon dioxide	112945-52-5		X	X	
Ammonium hydroxide	1336-21-6	X	X	X	

California Proposition 65:	This product contains small amounts of materials known to the state of California to cause cancer or reproductive harm

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 4/21/2017
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.