

# SAFETY DATA SHEET



## 153 - ROOF COATING WITH ALGAECIDE


### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	153 - ROOF COATING WITH ALGAECIDE
<b>Product Code:</b>	153
<b>Product Use:</b>	Paint

**Manufacturer**  
Richards Paint  
200 Paint Street  
Rockledge, Florida,  
18004320983

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

### 2. HAZARDS IDENTIFICATION

<b>Classification:</b>	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Carcinogenicity: Category 1A
<b>Signal Word:</b>	Danger
<b>Pictograms:</b>	
<b>Hazard Statements:</b>	H350: May cause cancer
<b>Prevention Precautionary Statements:</b>	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P281: Use personal protective equipment as required
<b>Response Precautionary Statements:</b>	P308+313: IF exposed: Call a POISON CENTER or doctor/physician
<b>Storage Precautionary Statements:</b>	P405: Store locked up
<b>Disposal Precautionary Statements:</b>	P501: Dispose of contents/container to an approved waste disposal plant

<b>Hazards Not Otherwise Classified:</b>	None
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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Talc	10% to 20%	14807-96-6
Titanium dioxide	5% to 10%	13463-67-7
Ethylene glycol	1% to 5%	107-21-1
Diatomite	1% to 5%	61790-53-2
Silicon dioxide	0% to 1%	7631-86-9
Crystalline silica	0% to 1%	14808-60-7
4,4-dimethyloxazolidine	0% to 1%	51200-87-4
3-iodo-2-propynyl butyl carbamate	0% to 1%	55406-53-6

### 4. FIRST AID MEASURES

<b>General Advice:</b>	No hazards requiring special first aid measures
<b>Eyes:</b>	Remove contact lenses, if applicable. Flush eyes with water for at least 15 minutes. Consult a physician.
<b>Skin:</b>	Remove contaminated clothing. Flush affected area with soap and water.
<b>Ingestion:</b>	Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Consult a physician if necessary.
<b>Inhalation:</b>	Move to fresh air. Consult a physician if necessary.
<b>Most Important Symptoms/Effects:</b>	None known
<b>Notes to Physician:</b>	Treat symptomatically

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Use measures suitable to the circumstances and environment
<b>Precautions for Firefighters:</b>	Wear self-contained breathing apparatus and protective gear
<b>Specific Hazards:</b>	Sealed containers may rupture if exposed to high temperatures
<b>Mechanical Impact Sensitivity:</b>	No
<b>Static Discharge Sensitivity:</b>	No

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors.
<b>Other Precautions:</b>	If safe to do so, prevent additional spillage
<b>Clean-Up Method:</b>	Soak up with inert absorbent material. Dispose of used absorbent in suitable containers.

## 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Wear respiratory equipment if ventilation is insufficient.
<b>Storage Precautions:</b>	Keep container tightly closed and out of reach of children
<b>Incompatible Materials:</b>	None

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ethylene glycol(107-21-1)		
ACGIH C:	100 mg/m3	--
Silicon dioxide(7631-86-9)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mil particles/ft3	80 mg/m3/%SiO2
Titanium dioxide(13463-67-7)		
TWA:	ACGIH: 10 mg/m3	OSHA: 15 mg/m3
Talc(14807-96-6)		
ACGIH TWA:	2 mg/m3	--
NIOSH TWA:	2 mg/m3	--
OSHA TWA:	20 mppcf	--
Crystalline silica(14808-60-7)		
ACGIH TWA:	.025 mg/m3	--
NIOSH TWA:	.05 mg/m3	--
OSHA TWA:	10 mg/m3/%SiO2+2	250 mppcf/%SiO2+5
Diatomite(61790-53-2)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mppcf	80 mg/m3/%SiO2

<b>Engineering Measures:</b>	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
<b>Hygiene Measures:</b>	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.
<b>Eye/Face Protection:</b>	Safety glasses/goggles
<b>Skin Protection:</b>	Protective gloves and protective clothing
<b>Respiratory Protection:</b>	Respiratory equipment if ventilation is inadequate

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Determined by customer (white by default)
<b>Odor:</b>	Little to none
<b>Odor Threshold:</b>	No information available
<b>pH:</b>	No information available
<b>Melting Point (°F):</b>	No information available
<b>Boiling Point (°F):</b>	385.0 -388
<b>Flash Point (°F):</b>	120.00
<b>Flash Point Method:</b>	Closed cup

<b>Evaporation Rate:</b>	No information available
<b>Flammability (Solid/Gas):</b>	No information available
<b>Flammability Limits:</b>	No information available
<b>Vapor Pressure (mm Hg):</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	No information available
<b>% Solubility in Water:</b>	No information available
<b>Octanol/Water Partition Coefficient:</b>	No information available
<b>Auto-Ignition Temperature (°F):</b>	No information available
<b>Decomposition Temperature (°F):</b>	No information available
<b>Viscosity (KU):</b>	No information available

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

Ethylene glycol(107-21-1)	
Dermal LD50 (rabbit):	10626 mg/kg
Oral LD50 (rat):	4700 mg/kg
Silicon dioxide(7631-86-9)	
Oral LD50 (rat):	3160 mg/kg
Titanium dioxide(13463-67-7)	
Dermal LD50 (rabbit):	>10000 mg/kg
Oral LD50 (rat):	>10000 mg/kg

<b>Primary Routes of Exposure:</b>	Eye contact, skin contact, inhalation
<b>Acute Toxicity:</b>	No information available

<b>Exposure Effects</b>	
<b>Eye Contact:</b>	Irritation
<b>Skin Contact:</b>	Irritation, drying

<b>Inhalation:</b>	Irritation of respiratory system
<b>Ingestion:</b>	Gastrointestinal irritation, diarrhea, nausea, vomiting
<b>Target Organ (Single Exposure):</b>	No information available
<b>Target Organ (Repeated Exposure):</b>	Prolonged or repeated exposure may cause organ damage and cancer
<b>Sensitization:</b>	No information available
<b>Neurological Effects:</b>	No information available
<b>Mutagenicity:</b>	No information available
<b>Reproductive Effects:</b>	No information available
<b>Developmental Effects:</b>	No information available
<b>Other:</b>	No information available

## 12. ECOLOGICAL INFORMATION

Ethylene glycol(107-21-1)	
EC50 (water flea, 24 hrs):	74000 mg/L
LC50 (golden orfe, 48 hrs):	>10000 mg/L
LC50 (rainbow trout, 96 hrs):	18500 mg/kg
LC50 (water flea, 48 hrs):	41000 mg/L
NOEC (fathead minnow, 7 days):	32000 mg/L
NOEC (fathead minnow, 96 hrs):	39140 mg/L
NOEC (water flea, 48 hrs):	24000 mg/L
Titanium dioxide(13463-67-7)	
EC50 (water flea, 48 hrs):	>1000 mg/L
LC50 (fish, 96 hrs):	>1000 mg/L
3-iodo-2-propynyl butyl carbamate(55406-53-6)	
LC50 (rainbow trout, 96 hrs):	0.067 mg/L
LC50 (water flea, 48 hrs):	0.04 mg/L
Mortality NOEC (Oncorhynchus kisutch, 96 hrs):	<0.07 mg/L

<b>Ecotoxicological Effects:</b>	The environmental impact of this substance has not been fully evaluated
<b>Acute Toxicity to Fish:</b>	No information available
<b>Acute Toxicity to Marine Invertebrates:</b>	No information available
<b>Acute Toxicity to Marine Plants:</b>	No information available
<b>Persistence/Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Environmental Mobility:</b>	No information available
<b>Ozone:</b>	No information available

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Dispose of in accordance with federal, state, provincial, and local regulations.
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#### 14. TRANSPORT INFORMATION

<b>DOT:</b>	Not regulated
<b>ICAO/IATA:</b>	Not regulated
<b>IMDG/IMO:</b>	Not regulated

#### 15. REGULATORY INFORMATION

<b>TSCA (US):</b>	All components are listed or exempt
<b>DSL (Canada):</b>	All components are listed or exempt

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

#### **SARA 313**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Max Weight %</b>	<b>de minimis limit</b>
Ethylene glycol	107-21-1	5	1.0

#### **State Right-to-Know**

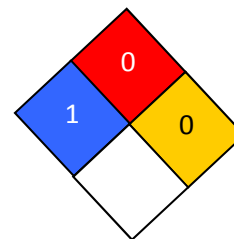
<b>Chemical Name</b>	<b>CAS Number</b>	<b>MA</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Ethylene glycol	107-21-1	X	X	X	X
Silicon dioxide	7631-86-9	X	X	X	
Titanium dioxide	13463-67-7	X	X	X	X
Talc	14807-96-6	X	X	X	
Crystalline silica	14808-60-7	X	X	X	X
3-iodo-2-propynyl butyl carbamate	55406-53-6		X		
Diatomite	61790-53-2		X		

<b>California Proposition 65:</b>	This product may contain small amounts of 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.

<b>Revision Indicator:</b>	Revised 5/26/2016
<b>Disclaimer:</b>	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.