

# SAFETY DATA SHEET



## 500 LINE - BONDCRETE WATERPROOFER


### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	500 LINE - BONDCRETE WATERPROOFER
<b>Product Code:</b>	500, 500-AB, 500-DB
<b>Product Use:</b>	Sealer

**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) Aspiration Toxicity: Category 1 Carcinogenicity: Category 1A Germ Cell Mutagenicity: Category 1B Flammable Liquid: Category 2 Reproductive Toxicity: Category 1B
<b>Signal Word:</b>	Danger
<b>Pictograms:</b>	
<b>Hazard Statements:</b>	H225: Highly flammable liquid and vapor H304: May be fatal if swallowed and enters airways H340: May cause genetic defects H350: May cause cancer H360: May damage fertility or the unborn child

<b>Prevention Precautionary Statements:</b>	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P233: Keep container tightly closed P240: Ground/bond container and receiving equipment P241: Use explosion-proof electrical/ventilating/lighting equipment P242: Use only non-sparking tools P243: Take precautionary measures against static discharge P281: Use personal protective equipment as required
<b>Response Precautionary Statements:</b>	P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P308+313: IF exposed: Call a POISON CENTER or doctor/physician P370+378: In case of fire: Use CO2, dry chemical, or foam to extinguish P331: Do NOT induce vomiting
<b>Storage Precautionary Statements:</b>	P405: Store locked up P403+235: Store in a well ventilated place. Keep cool.
<b>Disposal Precautionary Statements:</b>	P501: Dispose of contents/container to an approved waste disposal plant
<b>Hazards Not Otherwise Classified:</b>	None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Xylene	40% to 60%	1330-20-7
Ethylbenzene	10% to 20%	100-41-4
Titanium dioxide	0% to 20%	13463-67-7
Silicon dioxide	0% to 5%	7631-86-9
Cumene	0% to 1%	98-82-8
Butyl methacrylate	0% to 1%	97-88-1
Crystalline silica	0% to 1%	14808-60-7

### 4. FIRST AID MEASURES

<b>General Advice:</b>	Call a physician if symptoms persist. Show SDS to physician.
<b>Eyes:</b>	Immediately flush with water. After initial flushing, remove contact lenses if applicable and continue flushing for at least 15 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.
<b>Skin:</b>	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists.
<b>Ingestion:</b>	Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Inhalation:</b>	Move to fresh air. Consult a physician if necessary. If not breathing, give artificial respiration and consult a physician immediately.

<b>Most Important Symptoms/Effects:</b>	No information available
<b>Notes to Physician:</b>	Treat symptomatically

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Foam, dry powder, CO <sub>2</sub> , water spray. 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>	Product is combustible. Thermal decomposition may release irritating gases/vapors. Sealed containers may rupture if exposed to high temperatures.
<b>Mechanical Impact Sensitivity:</b>	No
<b>Static Discharge Sensitivity:</b>	Yes

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Remove all sources of ignition. Use proper personal protective equipment. Avoid breathing vapors.
<b>Other Precautions:</b>	If safe to do so, prevent additional spillage. Do not allow material to enter ground water, surface water, or sewer system. Consult local authorities if spillage cannot be contained.
<b>Clean-Up Method:</b>	Soak up with inert absorbent material. Dispose of used absorbent in suitable properly labeled containers. Thoroughly clean contaminated surface.

## 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Wear suitable personal protective equipment. Ground all metal equipment to prevent ignition of vapors by static discharge. Keep away from heat and ignition sources. Do not breathe vapors. Use only in areas with sufficient ventilation.
<b>Storage Precautions:</b>	Keep container properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area. Keep away from heat and ignition sources.
<b>Incompatible Materials:</b>	Strong acids, strong bases, strong oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Cumene(98-82-8)		
ACGIH TWA:	50 ppm	--
NIOSH TWA:	50 ppm	245 mg/m <sup>3</sup>
OSHA TWA:	50 ppm	245 mg/m <sup>3</sup>
Ethylbenzene(100-41-4)		
ACGIH STEL:	125 ppm	--
ACGIH TWA:	20 ppm	--
NIOSH ST:	125 ppm	545 mg/m <sup>3</sup>
NIOSH TWA:	100 ppm	435 mg/m <sup>3</sup>

OSHA STEL:	125 ppm	545 mg/m <sup>3</sup>
OSHA TWA:	100 ppm	435 mg/m <sup>3</sup>
Xylene(1330-20-7)		
ACGIH STEL:	150 ppm	--
ACGIH TWA:	100 ppm	--
OSHA TWA:	100 ppm	435 mg/m <sup>3</sup>
Silicon dioxide(7631-86-9)		
NIOSH TWA:	6 mg/m <sup>3</sup>	--
OSHA TWA:	20 mil particles/ft <sup>3</sup>	80 mg/m <sup>3</sup> /%SiO <sub>2</sub>
Titanium dioxide(13463-67-7)		
TWA:	ACGIH: 10 mg/m <sup>3</sup>	OSHA: 15 mg/m <sup>3</sup>
Crystalline silica(14808-60-7)		
ACGIH TWA:	.025 mg/m <sup>3</sup>	--
NIOSH TWA:	.05 mg/m <sup>3</sup>	--
OSHA TWA:	10 mg/m <sup>3</sup> /%SiO <sub>2</sub> +2	250 mppcf/%SiO <sub>2</sub> +5

<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 long-sleeved protective clothing
<b>Respiratory Protection:</b>	NIOSH approved respirator if material is being used in a confined area, is being sprayed, or if exposure limits are exceeded

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Determined by customer (white by default)
<b>Odor:</b>	Solvent
<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>	277.0 -284
<b>Flash Point (°F):</b>	59.00
<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>	No information available
<b>Possibility of Hazardous Reactions:</b>	None under normal conditions of use
<b>Hazardous Decomposition Products:</b>	Irritating vapors
<b>Stability:</b>	Stable under normal conditions
<b>Incompatible Materials:</b>	Strong acids, strong bases, strong oxidizing agents
<b>Conditions to Avoid:</b>	Heat, sparks, ignition sources

## 11. TOXICOLOGICAL INFORMATION

Butyl methacrylate(97-88-1)	
Dermal LD50 (rabbit):	10125 mg/kg
Inhalation LC50 (rat, 4 hrs):	4910 ppm
Oral LD50 (rat):	16000 mg/kg
Cumene(98-82-8)	
NOAEL feed (rat):	>535.8 mg/kg
Oral LD50 (rat):	2260 mg/kg
Ethylbenzene(100-41-4)	
Dermal LD50 (rabbit):	15433 mg/kg
Oral LD50 (rat):	3500 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>	Repeated or prolonged exposure may to lead to permanent brain and nervous system damage. Inhalation of concentrated vapors may lead to death.

<b>Exposure Effects</b>	
<b>Eye Contact:</b>	No information available
<b>Skin Contact:</b>	No information available
<b>Inhalation:</b>	No information available
<b>Ingestion:</b>	No information available
<b>Target Organ (Single Exposure):</b>	No information available

<b>Target Organ (Repeated Exposure):</b>	No information available
<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

<b>Butyl methacrylate(97-88-1)</b>	
Biodegradability (aerobic, 28 days):	88%
EC50 (green algae, 96 hrs):	57 mg/L
EC50 (water flea, 48 hrs):	32 mg/L
LC50 (fathead minnow, 96 hrs):	11 mg/L
<b>Cumene(98-82-8)</b>	
EC50 (green algae, 72 hrs):	2.6 mg/L
EC50 (water flea, 48 hrs):	2.14 mg/L
LC50 (rainbow trout, 96 hrs):	4.8 mg/L
<b>Ethylbenzene(100-41-4)</b>	
Biodegradability (aerobic, 28 days):	70-80%
Flow-through LC50 (Atlantic silverside, 96 hrs):	5.1 mg/L
Static EC50 (Skeletonema costatum, 72 hrs):	4.9 mg/L
Static EC50 (water flea, 48 hrs):	1.8-2.4 mg/L
<b>Titanium dioxide(13463-67-7)</b>	
EC50 (water flea, 48 hrs):	>1000 mg/L
LC50 (fish, 96 hrs):	>1000 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>	Empty containers may contain flammable residue and vapors. Dispose of in accordance with federal, state, provincial, and local regulations.
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**14. TRANSPORT INFORMATION**

<b>DOT</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	II
<b>Reportable Quantity:</b>	Xylene, 100 lbs Cumene, 5000 lbs Ethylbenzene, 1000 lbs

<b>ICAO/IATA</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	II

<b>IMDG/IMO</b>	
<b>Shipping Name:</b>	Paint
<b>Hazard Class:</b>	3
<b>UN No:</b>	1263
<b>Packing Group:</b>	II

**15. REGULATORY INFORMATION**

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

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

<b>SARA 313</b>			
<b>Chemical Name</b>	<b>CAS Number</b>	<b>Max Weight %</b>	<b>de minimis limit</b>
Ethylbenzene	100-41-4	20	0.1
Xylene	1330-20-7	60	1.0

<b>State Right-to-Know</b>					
<b>Chemical Name</b>	<b>CAS Number</b>	<b>MA</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Cumene	98-82-8	X	X	X	
Ethylbenzene	100-41-4	X	X	X	
Xylene	1330-20-7	X	X	X	
Silicon dioxide	7631-86-9	X	X	X	
Titanium dioxide	13463-67-7	X	X	X	X

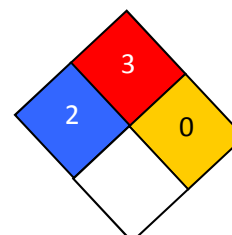
Crystalline silica	14808-60-7	X	X	X	X
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<b>California Proposition 65:</b>	This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm
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**16. OTHER INFORMATION**

<b>HMIS RATING</b>	
Health:	2*
Flammability:	3
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.