

# SAFETY DATA SHEET



## 512 - CHATTAHOOCHEE CLEAR EPOXY SEAL

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	512 - CHATTAHOOCHEE CLEAR EPOXY SEAL
<b>Product Code:</b>	512
<b>Product Use:</b>	Epoxy

**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

<b>Classification:</b>	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Skin Corrosion/Irritation: Category 2 Specific Target Organ Toxicity (Single Exposure): Category 3 Aspiration Toxicity: Category 1 Skin Sensitization: Category 1 Reproductive Toxicity: Category 2 Specific Target Organ Toxicity (Repeated Exposure): Category 2 Flammable Liquid: Category 2
<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 H315: Causes skin irritation H317: May cause an allergic skin reaction H336: May cause drowsiness or dizziness H361: Suspected of damaging fertility or the unborn child H373: May cause damage to organs through prolonged or repeated exposure

<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 P260: Do not breathe dust/fumes/gas/mist/vapors/spray P264: Wash face, hands and any exposed skin thoroughly after handling P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection P281: Use personal protective equipment as required
<b>Response Precautionary Statements:</b>	P304+340+312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. 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 P332+313: If skin irritation occurs: Get medical advice/attention 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+233: Store in a well ventilated place. Keep container tightly closed. 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
Distillates (petroleum), light distillate hydrotreating process, low-boiling	30% to 40%	68410-97-9
Toluene	10% to 20%	108-88-3
Benzene	0% to 1%	71-43-2

### 4. FIRST AID MEASURES

<b>General Advice:</b>	Call a physician if symptoms persist. Show SDS to physician.
<b>Eyes:</b>	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.

<b>Skin:</b>	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
<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. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
<b>Most Important Symptoms/Effects:</b>	None known
<b>Notes to Physician:</b>	Acute exposure to toluene can cause transient hematuria and albuminuria. Acute inhalation may cause cardiac arrhythmias.

## 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>	Carbon oxides

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Remove all sources of ignition. Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. 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 non-combustible 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. Use only in areas with sufficient ventilation. Ground all metal equipment to prevent ignition of vapors by static discharge. Keep away from heat and ignition sources.
<b>Storage Precautions:</b>	Keep container upright, 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 oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Benzene(71-43-2)		
ACGIH STEL:	2.5 ppm	--
ACGIH TWA:	0.5 ppm	--
NIOSH ST:	1 ppm	--
NIOSH TWA:	0.1 ppm	--
OSHA CEIL:	25 ppm	--
OSHA peak:	50 ppm	--
OSHA TWA:	10 ppm	--

Distillates (petroleum), light distillate hydrotreating process, low-boiling(68410-97-9)		
ACGIH TWA:	200 ppm	--
Toluene(108-88-3)		
ACGIH TWA:	20 ppm	--
NIOSH ST:	150 ppm	560 mg/m3
NIOSH TWA:	100 ppm	375 mg/m3
OSHA CEIL:	300 ppm	--
OSHA peak:	500 ppm	--
OSHA STEL:	150 ppm	560 mg/m3
OSHA TWA:	100 ppm	375 mg/m3

<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>	Respiratory equipment if ventilation is inadequate

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear
<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>	No information available
<b>Flash Point (°F):</b>	40
<b>Flash Point Method:</b>	No information available
<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
<b>Volatile Organic Compounds (g/L):</b>	581

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No information available
<b>Possibility of Hazardous Reactions:</b>	Vapors may form explosive mixture with air
<b>Hazardous Decomposition Products:</b>	Carbon oxides
<b>Stability:</b>	Stable under normal storage conditions
<b>Incompatible Materials:</b>	Strong oxidizing agents
<b>Conditions to Avoid:</b>	Heat, sparks, ignition sources

**11. TOXICOLOGICAL INFORMATION**

Benzene(71-43-2)	
Dermal LD50 (rabbit):	8263 mg/kg
Inhalation LC50 (rat, 4 hrs):	43.7 mg/L
Oral LD50 (rat):	5960 mg/kg
Distillates (petroleum), light distillate hydrotreating process, low-boiling(68410-97-9)	
Dermal LD50 (rabbit):	>2000 mg/kg
Inhalation LC50 (rat, 4 hrs):	>5.2 mg/L
Oral LD50 (rat):	5.17 g/kg
Toluene(108-88-3)	
Dermal LD50 (rabbit):	12196 mg/kg
Inhalation LC50 (rat, 4 hrs):	12500-28800 mg/m3
Oral LD50 (rat):	>5580 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, dermatitis
<b>Inhalation:</b>	Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness
<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>Carcinogenicity:</b>	No information available
<b>Mutagenicity:</b>	No information available
<b>Reproductive Toxicity:</b>	Fetotoxic if purposefully inhaled ("solvent sniffing")
<b>Other:</b>	No information available

**12. ECOLOGICAL INFORMATION**

<b>Benzene(71-43-2)</b>	
BCF:	10
Bioaccumulation (golden orfe, 3 days):	0.05 mg/L
Biodegradability (aerobic, 28 days):	96%
EC50 (water flea, 48 hrs):	17.2 mg/L
Growth inhibition EC50 (green algae, 72 hrs):	100 mg/L
LC50 (fathead minnow, 96 hrs):	15-32 mg/L
<b>Distillates (petroleum), light distillate hydrotreating process, low-boiling(68410-97-9)</b>	
Acute EC50 (algae, 72 hrs):	1-10 mg/L
Acute EC50 (water flea, 48 hrs):	1-10 mg/L
Acute LC50 (fish, 96 hrs):	1-10 mg/L
Chronic NOEL (fish, 14 days):	2.6 mg/L
Chronic NOEL (water flea, 21 days):	2.6 mg/L
<b>Toluene(108-88-3)</b>	
BCF (golden orfe, 3 days, 0.05 mg/L):	90
EC50 (freshwater algae, 24 hrs):	245 mg/L
EC50 (green algae, 24 hrs):	10 mg/L
EC50 (water flea, 24 hrs):	8 mg/L
Immobilization EC50 (water flea, 48 hrs):	6 mg/L
LC50 (rainbow trout, 96 hrs):	7.63 mg/L
NOEC (fathead minnow, 7 days):	5.44 mg/L

<b>Ecotoxicological Effects:</b>	The environmental impact of this substance has not been fully evaluated
<b>Persistence/Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Environmental Mobility:</b>	No information available
<b>Other Effects:</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>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/NDSL (Canada):</b>	All components are listed or exempt

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

<b><u>CERCLA Section 302</u></b>	
<b>Reportable Quantities:</b>	Toluene, 1000 lbs Benzene, 10 lbs

<b><u>SARA 313</u></b>			
<b>Chemical Name</b>	<b>CAS Number</b>	<b>Max Weight %</b>	<b>de minimis limit</b>
Toluene	108-88-3	20	1.0
Benzene	71-43-2	1	0.1

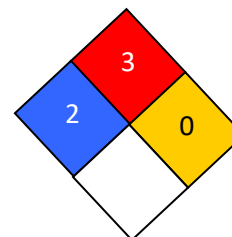
<b><u>State Right-to-Know</u></b>					
<b>Chemical Name</b>	<b>CAS Number</b>	<b>MA</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Toluene	108-88-3	X	X	X	X
Benzene	71-43-2	X	X	X	X

<b>California Proposition 65:</b>	This product contains 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 11/10/2021
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**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.