

SAFETY DATA SHEET



512 - CHATTAHOOCHEE CLEAR EPOXY SEAL

1. PRODUCT AND COMPANY IDENTIFICATION

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| Product Name: | 512 - CHATTAHOOCHEE CLEAR EPOXY SEAL |
| Product Code: | 512 |
| Product Use: | 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

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| Classification: | 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 |
| Signal Word: | Danger |
| Pictograms: | |
| Hazard Statements: | 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 |

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| Prevention Precautionary Statements: | 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/eye protection P281: Use personal protective equipment as required |
| Response Precautionary Statements: | P304+340: 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 |
| Storage Precautionary Statements: | 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. |
| Disposal Precautionary Statements: | P501: Dispose of contents/container to an approved waste disposal plant |
| Hazards Not Otherwise Classified: | None |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Weight % | CAS Number |
|-----------------------------------|------------|------------|
| Solvent naptha (petroleum), light | 30% to 40% | 64742-89-8 |
| @Toluene | 10% to 20% | 108-88-3 |

4. FIRST AID MEASURES

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| General Advice: | Call a physician if symptoms persist. Show SDS to physician. |
| Eyes: | Remove contact lenses, if applicable. Flush eyes with water for at least 15 minutes. Consult a physician. |
| 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. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician. |

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| Inhalation: | Move to fresh air. Consult a physician if necessary. If not breathing, give artificial respiration and consult a physician immediately. |
| Most Important Symptoms/Effects: | None known |
| Notes to Physician: | Acute exposure to toluene can cause transient hematuria and albuminuria. Acute inhalation may cause cardiac arrhythmias. |

5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Media: | Foam, dry powder, CO ₂ , water spray. Use measures suitable to the circumstances and environment. |
| Precautions for Firefighters: | Wear self-contained breathing apparatus and protective gear |
| Specific Hazards: | Carbon oxides |
| Mechanical Impact Sensitivity: | No |
| Static Discharge Sensitivity: | Yes |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | Remove all sources of ignition. Use proper personal protective equipment. Avoid breathing vapors. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors. |
| Other Precautions: | 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. |
| Clean-Up Method: | Soak up with inert absorbent material. Dispose of used absorbent in suitable containers. |

7. HANDLING AND STORAGE

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| Handling Precautions: | 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. |
| Storage Precautions: | 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. |
| Incompatible Materials: | Strong oxidizing agents |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Toluene(108-88-3) | | |
| ACGIH TWA: | 20 ppm | -- |
| NIOSH ST: | 150 ppm | 560 mg/m ³ |
| NIOSH TWA: | 100 ppm | 375 mg/m ³ |
| OSHA CEIL: | 300 ppm | -- |
| OSHA peak: | 500 ppm | -- |
| OSHA STEL: | 150 ppm | 560 mg/m ³ |
| OSHA TWA: | 100 ppm | 375 mg/m ³ |
| Solvent naphtha (petroleum), light(64742-89-8) | | |
| ACGIH TWA: | 300 ppm | 1370 mg/m ³ |

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| OSHA TWA: | 500 ppm | -- |
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| 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 long-sleeved protective clothing |
| Respiratory Protection: | Respiratory equipment if ventilation is inadequate |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State: | Liquid |
| Color: | Colorless |
| Odor: | Solvent |
| Odor Threshold: | No information available |
| pH: | No information available |
| Melting Point (°F): | No information available |
| Boiling Point (°F): | 185.0 |
| Flash Point (°F): | 39.20 |
| 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 (°F): | No information available |
| Decomposition Temperature (°F): | No information available |
| Viscosity (KU): | No information available |

10. STABILITY AND REACTIVITY

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| Reactivity: | No information available |
| Possibility of Hazardous Reactions: | Vapors may form explosive mixture with air |
| Hazardous Decomposition Products: | Carbon oxides |
| Stability: | Stable under normal conditions |

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| Incompatible Materials: | Strong oxidizing agents |
| Conditions to Avoid: | Heat, sparks, ignition sources |

11. TOXICOLOGICAL INFORMATION

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| 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 |
| Solvent naphtha (petroleum), light(64742-89-8) | |
| Acute dermal LD50 (rat): | 4000 mg/kg |
| Acute inhalation LC50 (rat, 4 hrs): | 3400 ppm |
| Acute oral LD50 (rat): | 8000 mg/kg |

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

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| Exposure Effects | |
| Eye Contact: | Irritation |
| Skin Contact: | Irritation, dermatitis |
| Inhalation: | Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness |
| Ingestion: | No information available |
| Target Organ (Single Exposure): | No information available |
| Target Organ (Repeated Exposure): | No information available |
| Sensitization: | No information available |
| Neurological Effects: | No information available |
| Mutagenicity: | No information available |
| Reproductive Effects: | Fetotoxic if purposefully inhaled ("solvent sniffing") |
| Developmental Effects: | No information available |
| Other: | No information available |

12. ECOLOGICAL INFORMATION

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| Toluene(108-88-3) | |
| 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 |

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

13. DISPOSAL CONSIDERATIONS

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| Disposal Method: | 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

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| DOT | |
| Shipping Name: | Paint |
| Hazard Class: | 3 |
| UN No: | 1263 |
| Packing Group: | II |
| Reportable Quantity: | Toluene, 1000 lbs |

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

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|-----------------------|-------|
| IMDG/IMO | |
| Shipping Name: | Paint |
| Hazard Class: | 3 |
| UN No: | 1263 |
| Packing Group: | II |

15. REGULATORY INFORMATION

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| TSCA (US): | All components are listed or exempt |
| DSL (Canada): | No information available |

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

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| Chronic: | Yes |
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| SARA 313 | | | |
|----------------------|-------------------|---------------------|-------------------------|
| Chemical Name | CAS Number | Max Weight % | de minimis limit |
| Toluene | 108-88-3 | 20 | 1.0 |

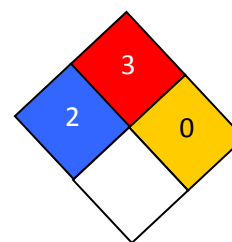
| State Right-to-Know | | | | | |
|----------------------------|-------------------|-----------|-----------|-----------|-----------|
| Chemical Name | CAS Number | MA | NJ | PA | RI |
| Toluene | 108-88-3 | X | X | X | |

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| California Proposition 65: | 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 | |
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| 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.

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| Revision Indicator: | Revised 6/13/2016 |
| 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. |