

SAFETY DATA SHEET



2100-B - EPOXY - PART B

1. PRODUCT AND COMPANY IDENTIFICATION

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| Product Name: | 2100-B - EPOXY - PART B |
| Product Code: | 2100-B |
| 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 Serious Eye Damage/Eye Irritation: Category 2A Skin Sensitization: Category 1 Specific Target Organ Toxicity (Single Exposure): Category 3 Flammable Liquid: Category 3 Acute Toxicity (Dermal): Category 4 |
| Signal Word: | Warning |
| Pictograms: | |
| Hazard Statements: | H226: Flammable liquid and vapor H312: Harmful in contact with skin H315: Causes skin irritation H317: May cause an allergic skin reaction H319: Causes serious eye irritation H335: May cause respiratory irritation |

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| Prevention Precautionary Statements: | <p>P201: Obtain special instructions before use</p> <p>P202: Do not handle until all safety precautions have been read and understood</p> <p>P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.</p> <p>P233: Keep container tightly closed</p> <p>P240: Ground/bond container and receiving equipment</p> <p>P241: Use explosion-proof electrical/ventilating/lighting equipment</p> <p>P242: Use only non-sparking tools</p> <p>P243: Take precautionary measures against static discharge</p> <p>P261: Avoid breathing dust/fumes/gas/mist/vapors/spray</p> <p>P264: Wash face, hands and any exposed skin thoroughly after handling</p> <p>P271: Use only outdoors or in a well-ventilated area</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace</p> <p>P281: Use personal protective equipment as required</p> |
| Response Precautionary Statements: | <p>P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>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.</p> <p>P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do--continue rinsing.</p> <p>P312: Call a POISON CENTER/doctor if you feel unwell</p> <p>P333+313: If skin irritation or a rash occurs: Get medical advice/attention</p> <p>P337+313: If eye irritation persists get medical advice/attention</p> <p>P362+364: Take off contaminated clothing and wash it before reuse</p> <p>P370+378: In case of fire: Use water fog, foam, dry chemical, CO2 to extinguish</p> |
| Storage Precautionary Statements: | <p>P405: Store locked up</p> <p>P403+235: Store in a well ventilated place. Keep cool.</p> |
| 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 |
|--|------------|------------|
| Poly(bisphenol a-co-epichlorohydrin) | 50% to 60% | 25068-38-6 |
| 2-butoxyethanol | 20% to 30% | 111-76-2 |
| Dodecyl and tetradecyl glycidyl ethers | 10% to 20% | 68609-97-2 |

4. FIRST AID MEASURES

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| General Advice: | Call a physician if symptoms persist. Show SDS to physician. |
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| Eyes: | Immediately flush with water. After initial flushing, remove contact lenses if applicable and continue flushing 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. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician. |
| 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: | No information available |
| Notes to Physician: | Treat symptomatically |

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: | Explosive vapors may collect in low or confined areas. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | Remove all sources of ignition. 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. 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 non-combustible absorbent material. Dispose of used absorbent in suitable containers. Thoroughly clean contaminated surface. |

7. HANDLING AND STORAGE

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| Handling Precautions: | Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Use only in areas with sufficient ventilation. |
| Storage Precautions: | 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. |
| Incompatible Materials: | Strong acids, strong bases, oxidizing agents |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 2-butoxyethanol(111-76-2) | | |
| ACGIH TWA: | 20 ppm | -- |
| NIOSH TWA: | 5 ppm | 24 mg/m ³ |
| OSHA TWA: | 50 ppm | 240 mg/m ³ |

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| Engineering Measures: | Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment. |
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| 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: | 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

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| Physical State: | Liquid |
| Color: | Clear |
| Odor: | Solvent |
| Odor Threshold: | No information available |
| pH: | No information available |
| Melting Point (°F): | No information available |
| Boiling Point (°F): | No information available |
| Flash Point (°F): | >141 |
| Flash Point Method: | No information available |
| 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 |
| Volatile Organic Compounds (g/L): | 266 |

10. STABILITY AND REACTIVITY

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| Reactivity: | No information available |
| Possibility of Hazardous Reactions: | May form peroxides of unknown stability |
| Hazardous Decomposition Products: | Carbon oxides |
| Stability: | Stable under normal storage conditions |
| Incompatible Materials: | Strong acids, strong oxidizing agents, aliphatic amines |

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| Conditions to Avoid: | Heat, sparks, ignition sources |
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11. TOXICOLOGICAL INFORMATION

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| 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 |
| Dodecyl and tetradecyl glycidyl ethers(68609-97-2) | |
| Oral LD50 (rat): | >2000 mg/kg |
| Poly(bisphenol a-co-epichlorohydrin)(25068-38-6) | |
| Oral LD50 (rat): | 13600 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: | No information available |
| Skin Contact: | No information available |
| Inhalation: | No information available |
| Ingestion: | No information available |
| 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

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| 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 |
| Dodecyl and tetradecyl glycidyl ethers(68609-97-2) | |
| Biodegradability (aerobic, 28 days): | 34.7% |
| Growth inhibition IC50 (algae, 72 hrs): | 843.75 mg/L |
| Immobilization EC50 (water flea, 48 hrs): | 7.2 mg/L |
| Static LC50 (rainbow trout, 96 hrs): | >5000 mg/L |

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| Ecotoxicological Effects: | The environmental impact of this substance has not been fully evaluated |
| Persistence/Degradability: | No information available |

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| Bioaccumulative Potential: | No information available |
| Environmental Mobility: | No information available |
| Other Effects: | 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: | Not regulated |
| ICAO/IATA: | Not regulated |
| IMDG/IMO: | Not regulated |

15. REGULATORY INFORMATION

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| TSCA (US): | All components are listed or exempt |
| DSL/NDSL (Canada): | All components are listed or exempt |

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

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| <u>CERCLA Section 302</u> | |
| Reportable Quantities: | No information available |

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| <u>SARA 313</u> | This material does not contain any hazardous components exceeding the reporting thresholds established by SARA Title III, Section 313. |
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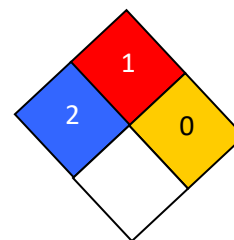
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|--|-------------------|-----------|-----------|-----------|-----------|
| <u>State Right-to-Know</u> | | | | | |
| Chemical Name | CAS Number | MA | NJ | PA | RI |
| Poly(bisphenol a-co-epichlorohydrin) | 25068-38-6 | | X | X | |
| 2-butoxythanol | 111-76-2 | X | X | X | X |
| Dodecyl and tetradecyl glycidyl ethers | 68609-97-2 | | X | X | |

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| California Proposition 65: | This product does not contain any 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: | 1 |
| 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 2/11/2022 |
| 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. |