

Retro-Coat™ SEALER, Part B
Material Safety Data Sheet (MSDS)

Last Revised: July 14, 2016

Section 1 – Supplier Information and Material Identification

Supplier:



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Trade Name: Retro-Coat™ SEALER, Part B

Product Use: Epoxy Resin Hardener

Section 2 – Hazardous Chemical Information

| <u>CAS No.</u> | <u>Chemical</u> | <u>Percentage</u> |
|----------------|------------------------------|-------------------|
| 2855132 | Isophorone Diamine Corrosive | 30% max. |
| 68609085 | Amine Adduct Corrosive | 26% max |
| 00100516 | Benzyl Alcohol Irritant | 44% max |

Section 3 – Physical Data

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|----------------------------------|--------------------------------|
| Form: | Liquid |
| Color: | Clear Yellow |
| Odor: | Ammonia-like |
| Flammability/Flash Point: | >200°F (Setaflash Closed Cup). |
| Bulk Density (lbs/gal): | |
| Viscosity (cps): | 0 @ 70°F |
| Percent Volatiles | |

| | |
|--|---|
| Specific Gravity | 1.020 |
| Section 4 – Reactivity Data | |
| Stability: | Product is stable under normal conditions |
| Conditions to Avoid/Incompatibility: | None known |
| Hazardous Decomposition Products: | NO _x , CO, Nitric Acid fumes |
| Polymerization | Hazardous polymerization will not occur. |
| Section 5 – Regulations | |
| WHMSIS Classification: | Class E, Corrosive |
| Section 6 – Protective Measures, Storage and Handling | |
| Storage: | |
| Handling: | |
| Other Precautions: | <ol style="list-style-type: none"> 1. Prevent all eye and skin contact. 2. Corrosive material; can cause skin sensitization 3. Reseal partially used containers. Store in dry, cool place. 4. Observe conditions of good industrial hygiene and safe working practice 5. Wash with soap and water before eating, drinking, smoking and using the lavatory. |
| Ventilation Requirements: | Local, except in confined spaces, e.g., tanks, in which case proper respiratory equipment (see below) is required. |
| Respiratory Protection: | Respirator with organic vapor cartridge (N/A with local exhaust). |
| Eye Protection: | Full face shield and chemical goggles |
| Skin Protection: | Rubber or plastic gloves |
| Protection Against Fire & Explosion: | When fire fighting, wear full protective equipment including self contained breathing apparatus. |
| Section 7 – Hazards Identification | |

Potential Health Effects

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|----------------------|---|
| Inhalation: | May cause irritation to upper respiratory tract. Avoid prolonged or repeated inhalation. |
| Eye Contact: | Causes severe eye irritation or burns. May cause permanent visual impairment. Avoid contact. Wear chemical goggles. |
| Skin Contact: | Causes severe skin irritation or burns. May cause skin sensitization. Avoid contact. Wear protective clothing. |
| Ingestion: | Do not take internally. May cause gastrointestinal irritation or ulceration. May cause burns to mouth or throat. |

Section 8 – Measures in Case of Accidents and Fire

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| After Spillage/Leakage: | Using recommended protective equipment, add dry material to absorb spill (if Large spill, first dike to contain). Pick up and containerize. Flush area with dilute (5%) acetic acid. Collect rinsate for sewer or disposal. |
| Extinguishing Media: | Foam, Dry Chemical, Carbon Dioxide (CO ₂), Water |
| First Aid | |
| Eye Contact: | Immediately flush with water for at least 15 minutes. Call a physician. |
| Inhalation: | Move to fresh air. If symptoms persist, consult a physician. |
| Ingestion: | Do not induce vomiting. Give a large quantity of milk or water. Do not give fluids to an unconscious person. Call a physician. |
| Skin Contact: | Immediately flush with water for at least 15 minutes while removing contaminated clothing. Call a physician. |

Section 9 – Accidental Release Measures

Cleanup Methods:

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| Section 10 – Information on Toxicology |
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| Toxicity Data | | | | |
|----------------------|---------------|---------------|-----------------------|--------------------|
| Test Type | Result | Type | Animal Species | Hazard Rank |
| Dermal Toxicity | >2.0 | G/KG EST LD50 | Rabbit | Slight |
| DOT Corrosivity | POS | - | Rabbit | - |
| Eye Irritation | <72 | 0 - 110 Range | Rabbit | Severe |
| Oral Toxicity | >.5 | G/KG EST LD50 | Rat | Moderate |
| Skin Irritation | 4.96 | 0-8 Range | Rabbit | Severe |
| LC(50) - N/D | | | | |

Section 11 – Information on Ecology

Not Applicable

Section 12 – Disposal Considerations

Waste Disposal Method:

This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of its corrosivity. Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

Section 13 – Shipping/Transport Information

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|--------------------------------------|---------------------|
| D.O.T. Proper Shipping Name: | Isophoronediamine |
| UN Number: | UN2289 |
| D.O.T. Hazard Classification: | Class 8 ; corrosive |
| Labels: | Corrosive |
| Packaging Group: | PGIII |

Section 14 – Other Information

| | | |
|------------------------------|----------------------------------|----------------|
| WHMIS Classification: | Class E, Corrosive Material > 1% | |
| NFPA | Health – 3 | Reactivity – 1 |
| | Flammability – 1 | Special - |

Section 15 – Further Information

The information contained in this document is the best available to the supplier at the time of writing, but is provided without warranty of any kind. Some possible hazards have been determined by analogy to similar classes of material. The items in this document are subject to change and clarification as more information become available. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.