

Material Safety Data Sheet

Date last revised: New–October 2009

I. GENERAL INFORMATION

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| Chemical Name & Synonyms AMINES LIQUID CORROSIVE | Trade Name & Synonyms PECORA DYNAPOXY EP-425 |
| Chemical Family AMINOPROPYLDIETHANOLAMINE | Formula MIXTURE |
| Proper DOT Shipping AMINES, LIQUID, CORROSIVE, N.O.S. | DOT Hazard Classification CLASS 8, UN2735, PG III, CORROSIVE |
| Manufacturer PECORA CORPORATION | Manufacturer's Phone Number 215-723-6051 |
| Manufacturer's Address 165 Wambold Road, Harleysville, PA 19438 | Chemtrec Phone Number 800-424-9300 |

II. INGREDIENTS

| Ingredient | CAS Number | Percent of Total Weight |
|---|--------------|-------------------------|
| MODIFIED BISPHENOL A / EPICHLOROHYDRIN (PART A) | 25068-38-6 | >80 |
| ALIPHATIC GLYCIDYL ETHER (PART A) | 68609-97-2 | 15 |
| TERPENE ALCOHOL | 98-55-5 | <5 |
| AMINE BLEND (PART B) | TRADE SECRET | >90 |
| 2,4,6 TRIDIETHYLAMINOMETHYL PHENOL (PART B) | 90-72-2 | <10 |
| CRYSTALLINE SILICA (PART C) | 14808-60-7 | 100 |

THIS PRODUCT DOES NOT CONTAIN CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR, PART 372.

THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

III. PHYSICAL DATA

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| Boiling Point: NOT DETERMINED | Specific Gravity (H ₂ O = 1) NOT DETERMINED |
| Vapor Pressure (mm Hg): NOT ESTABLISHED | Percent Volatile by Volume (%): 0 0 VOCs |
| Vapor Density (Air = 1): HEAVIER | Evaporation Rate (ETHER= 1): SLOWER |
| Solubility in Water: INSOLUBLE | pH: NOT DETERMINED |
| Appearance & Odor: PART A – CLEAR LIQUID WITH MILD ODOR PART B – AMBER LIQUID WITH AMINE ODOR PART C – WHITE POWDER WITH NO ODOR | |

IV. FIRE & EXPLOSION HAZARD DATA

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| Flash Point (Closed Cup): >200°F | Auto Ignition Temperature: NO DATA AVAILABLE | |
| Flammable Limits: NO DATA AVAILABLE | LEL: N/A | UEL: N/A |
| Extinguishing Media: CLASS B-C EXTINGUISHER (DRY CHEMICAL OR FOAM) FOR CLASS 1C FIRES; WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN BE USED TO PROTECT FIRE-FIGHTERS AND COOL CLOSED CONTAINERS. | | |
| Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING CHEMICALS. | | |
| Unusual Fire & Explosion Hazards: NONE KNOWN | | |

PECORA DYNAPOXY EP-425

V. HEALTH HAZARD DATA

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| OSHA Permissible Exposure Limit PART A – NOT ESTABLISHED PART B – 10 mg/m ³ PART C – 10 mg/m ³ | ACGIH Threshold Limit Value PART A – NOT ESTABLISHED PART B – 5 mg/m ³ PART C – 0.025 mg/m ³ | |
| Carcinogen – NTP Program CRYSTALLINE SILICA (RESPIRABLE)-CARCINOGEN | Carcinogen – IARC Program CRYSTALLINE SILICA (RESPIRABLE)-CARCINOGEN | |
| HEALTH: 3* | FLAMMABILITY: 1 | REACTIVITY: 1 |

Symptoms of Exposure: MAY CAUSE IRRITATION, SENSITIZATION AND MAY LEAD TO EYE DAMAGE; MAY CAUSE SKIN IRRITATION AND DERMATITIS; MAY CAUSE IRRITATION TO NOSE AND THROAT, IF INHALED; MAY CAUSE IRRITATION TO THE MOUTH AND STOMACH AND SENSITIZATION, IF INGESTED.

Medical Conditions Aggravated By Exposure: PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY AND SKIN AILMENTS.

Primary Route (s) of Entry: EYES, DERMAL, INGESTION AND INHALATION

Emergency First Aid: WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF OVERCOME BY VAPOR, REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. IF SPLASHED INTO EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION. IF INGESTED DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IMMEDIATELY.

VI. REACTIVITY DATA

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| Stability | <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable | Conditions to Avoid: NONE KNOWN |
| Incompatibility: | | Materials to Avoid: STRONG OXIDIZERS, ACIDS AND BASES |
| Hazardous | <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur | Conditions to Avoid: NONE KNOWN |
| Polymerization | | |
| Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN | | |

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL AND ABSORB WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. PLACE IN APPROPRIATE CONTAINERS FOR DISPOSAL. FLUSH AREA WITH WATER. DO NOT RELEASE INTO SEWERS OR WATERWAYS.

Waste Disposal Method: DISPOSE IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS. WHEN DISPOSED, AS RECEIVED, DOES NOT MEET THE RCRA DEFINITION OF A HAZARDOUS WASTE.

VIII. SPECIAL PROTECTION INFORMATION

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| Skin Protection: CHEMICAL RESISTANT GLOVES | Eye Protection: GOGGLES/FACE SHIELD |
| Respiratory Protection (Specific Type): NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IN AREAS with INSUFFICIENT VENTILATION. | Ventilation Recommended: LOCAL EXHAUST |
| Other Protection: NEVER EAT, DRINK OR SMOKE IN WORK AREAS. | |

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage: KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM SOURCES OF IGNITION. WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING.

Precautions For Repair & Maintenance of Contaminated Equipment: SEPARATE CONTAMINATED WORK CLOTHES FROM STREET CLOTHES. LAUNDER BEFORE REUSE. REMOVE MATERIAL FROM WORK SHOES AND CLEAN PERSONAL PROTECTIVE EQUIPMENT.

Other Precautions: USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS. KEEP PRODUCT CONTAINERS CLOSED WHEN NOT IN USE. DO NOT ALLOW THE MATERIAL TO FREEZE.

FOR PROFESSIONAL USE ONLY
KEEP OUT OF REACH OF CHILDREN!