

Material Safety Data Sheet

Date last revised: New–October 2009

I. GENERAL INFORMATION

Chemical Name & Synonyms AMINES LIQUID CORROSIVE	Trade Name & Synonyms DYNAPOXY LOW-MOD EPOXY
Chemical Family POLYAMINE	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 EPOXY RESIN (PART A)	25068-38-6	>75
AMINE BLEND (PART B)	TRADE SECRET	>75
2,4,6 TRIDIETHYLAMINOMETHYL PHENOL (PART B)	90-72-2	<5
NONYLPHENOL (PART B)	84852-15-3	<25

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 NO CHEMICALS LISTED UNDER CALIFORNIA PROPOSITION 65.

III. PHYSICAL DATA

Boiling Point: NOT DETERMINED	Specific Gravity (H ₂ O = 1) Part A – 1.19; Part B – 0.97
Vapor Pressure (mm Hg): NOT ESTABLISHED	Percent Volatile by Volume (%): 0 <50 g/l VOC
Vapor Density (Air = 1): HEAVIER	Evaporation Rate (ETHER= 1): SLOWER
Solubility in Water: INSOLUBLE	pH: Part A – 7; Part B - 12
Appearance & Odor: PART A – CLEAR TO LIGHT AMBER LIQUID WITH MILD ODOR PART B – AMBER LIQUID WITH AMINE ODOR	

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point (Closed Cup): >200°F	Auto Ignition Temperature: NOT DETERMINED	
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		

DYNAPOXY LOW-MOD EPOXY**V. HEALTH HAZARD DATA**

OSHA Permissible Exposure Limit PART A – NOT ESTABLISHED PART B – NOT ESTABLISHED		ACGIH Threshold Limit Value PART A – NOT ESTABLISHED PART B – NOT ESTABLISHED	
Carcinogen – NTP Program NOT A KNOWN CARCINOGEN		Carcinogen – IARC Program NOT A KNOWN CARCINOGEN	
HEALTH:	3	FLAMMABILITY:	1
		REACTIVITY:	2

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

Stability	<input type="checkbox"/>	Unstable	Conditions to Avoid: HEAT, SPARKS AND OPEN FLAME
	<input checked="" type="checkbox"/>	Stable	
Incompatibility:			Materials to Avoid: STRONG OXIDIZERS, ACIDS AND BASES
Hazardous	<input type="checkbox"/>	May Occur	Conditions to Avoid: NONE KNOWN
Polymerization	<input checked="" type="checkbox"/>	Will Not Occur	
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. 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

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. LAUNDRY BEFORE REUSE. REMOVE MATERIAL FROM WORK SHOES AND CLEAN PERSONAL PROTECTIVE EQUIPMENT.

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

FOR PROFESSIONAL USE ONLY

KEEP OUT OF REACH OF CHILDREN!