

Material Safety Data Sheet

Date last revised: New–October 2009

I. GENERAL INFORMATION

Chemical Name & Synonyms PENETRATING EPOXY HEALER/SEALER	Trade Name & Synonyms PECORA DYNAPOXY HEALER/SEALER
Chemical Family POLYAMINE	Formula MIXTURE
Proper DOT Shipping PART B - AMINES, LIQUID, CORROSIVE, N.O.S.	DOT Hazard Classification PART B - 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 EPOXY RESIN (PART A)	25068-38-6	70 – 80%
AROMATIC 100 (PART A)	64742-95-6	20 – 30%
AMINE BLEND (PART B)	TRADE SECRET	20 – 40%
AROMATIC 100 (PART B)	64742-95-6	20 – 30%
NONYLPHENOL	84852-15-3	30 – 50%

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 BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

THIS PRODUCT OR ALL OF ITS COMPONENTS ARE LISTED ON THE TSCA INVENTORY.

III. PHYSICAL DATA

Boiling Point: 282-286°F	Specific Gravity (H ₂ O = 1) PART A – 0.9; PART B – 0.9
Vapor Pressure (mm Hg): NOT ESTABLISHED	Percent Volatile by Volume: 80% A&B MIXED; VOC~240g/l
Vapor Density (Air = 1): >1	Evaporation Rate (ETHER= 1): >1
Solubility in Water: 0.02 @ 77°F	pH: PART A - 7; PART B - 12
Appearance & Odor: PART A – CLEAR LIQUID WITH DISTINCT SOLVENT ODOR PART B – DARK AMBER LIQUID WITH DISTINCT SOLVENT ODOR	

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point (Cleveland Open Cup): 147°F	Auto Ignition Temperature: 932°F (approximate)	
Flammable Limits:	LEL: 2.4% by vol. (approx.)	UEL: 14.2% by vol. (approx.)
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: ELECTRICAL GROUNDING IS RECOMMENDED WHEN TRANSFERRING MATERIAL IN CONTAINERS 1 GALLON OR LARGER. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE, DO NOT EXPOSE TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION AS THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.		

PECORA DYNAPOXY HEALER/SEALER

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: 2	FLAMMABILITY: 2	REACTIVITY: 0

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 ACIDS ,BASES, MERCAPTANS & PEROXIDES
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.

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. AVOID BREATHING VAPORS. USE PROPER BONDING AND/OR GROUNDING PROCEDURES. 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!