

Material Safety Data Sheet

Date last revised JANUARY, 2004

I. GENERAL INFORMATION		
Chemical Name & Synonyms EPOXY	Trade Name & Synonyms 808 PRIMER (PART A)	
Chemical Family EPOXY	Formula MIXTURE	
Proper DOT Shipping RESIN SOLUTION-FLAMMABLE LIQUID	DOT Hazard Classification UN1866 PGII, CLASS 3, FLAMMABLE LIQUID	
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		
Principal Hazardous Components TOLUENE (CAS # 108-88-3)	Percent 1 – 5 %	Threshold Limit Value (Units) 200 PPM
METHYL ETHYL KETONE (CAS # 78-93-3)	1 – 5 %	200 PPM
EPOXY RESIN SOLUTION (MIXTURE)	1 – 5 %	UNKNOWN
THIS PRODUCT CONTAINS TOLUENE AND MEK WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECITON 313 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR, PART 372. THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.		
HEALTH 3	FLAMMABILITY 2	REACTIVITY 1
III. PHYSICAL DATA		
Boiling Point (°F) 170° F.	Specific Gravity (H ₂ O = 1) 0.9	
Vapor Pressure (mm Hg.) ND	Percent Volatile by Volume (%) ND	
Vapor Density (Air = 1) > AIR	Evaporation Rate (ETHER = 1) < ETHER	
Solubility in Water NEGLIGIBLE	°H NA	
Appearance & Odor THIN CLEAR LIQUID WITH STRONG SOLVENT ODOR.		
IV. FIRE & EXPLOSION HAZARD DATA		
Flash Point (Test Method) 24° F. (T.C.C.)	Auto Ignition Temperature 538° C. TOLUENE	
Flammable Limits LOWER: 1.0% UPPER: 12.0%	LEL UNKNOWN	UEL UNKNOWN
Extinguishing Media: CO ₂ , FOAM, DRY CHEMICALS		
Special Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED RESPIRATOR		
Unusual Fire & Explosion Hazards: VAPORS MAY BE IGNITED BY HIGH ENERGY IGNITION SOURCES. DECOMPOSES WITH FIRE TO RELEASE HYDROCHLORIC ACID AS A GAS PLUS OTHER TOXIC AND IRRITATING VAPORS. IF CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT. THEY MAY BURST.		

V. Health Hazard Data

OSHA Permissible Exposure Limit SEE SECTION II		ACGIH Threshold Limit Value SEE SECTION II	
Carcinogen – NTP Program NOT A KNOWN CARCINOGEN		Carcinogen – IARC Program NOT A KNOWN CARCINOGEN	
Symptoms of Exposure: EYE & SKIN IRRITATION (DRYING & DEFATTING OF THE SKIN). INHALATION MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, NAUSEA, STAGGERING GAIT, CONFUSION AND UNCONSCIOUSNESS. MAY CAUSE CARDIAC SENSITIZATION AND ARRHYTHMIA. INTERNATIONAL MISUSE MAY BE HARMFUL OR FATAL. Medical Conditions Aggravated By Exposure: RESPIRATORY AILMENTS/ PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY AILMENTS. PROVIDE ADEQUATE VENTILATION OF CONFINED AREAS. WHEN USING SPRAY APPLICATION USE SELF-CONTAINED BREATHING APPARATUS OR POSITIVE PRESSURE HOSE MASKS, BOTH DURING AND IMMEDIATELY AFTER APPLICATION, UNTIL VAPOR/MIST LEVELS ARE BELOW LIMITS.			
Primary Route (s) of Entry: INHALATION, SKIN CONTACT, EYES			
Emergency First Aid: EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. CALL PHYSICIAN. SKIN: WASH PROMPTLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING, SHOES. WASH CLOTHING BEFORE REUSE. DISCARD SHOES. INGESTION: CALL PHYSICIAN. DO NOT INDUCE VOMITING. NEVER ANYTHING BY MOUTH. INHALATION: REMOVE TO FRESH AIR, ARTIFICIAL RESPIRATION, and GIVE OXYGEN FOR DIFFICULT BREATHING. CALL PHYSICIAN.			
VI. REACTIVITY DATA			
Stability		Unstable	Conditions to Avoid HEAT, SPARKS, OPEN FLAME AND FIRE
	X	Stable	
Incompatibility		Materials to Avoid CONTAMINATION WITH STRONG BASES, ACIDS AND AMINES CAN CAUSE POLYMERIZATION AND HEAT BUILD UP	
Hazardous		May Occur	Conditions to Avoid HEAT, SPARKS, OPEN FLAME AND FIRE
	X	Will Not Occur	
Polymerization			
Hazardous Decomposition Products: (THERMAL) CO ₂ , CO			
VII. ENVIRONMENTAL PROTECTION PROCEDURES			
Spill Response: REMOVE ALL SOURCES OF IGNITION. USE ADEQUATE VENTILATION TO PROMOTE DRYING. SOAK UP WITH ABSORBENT MATERIAL AND REMOVE TO CLOSED CONTAINERS. WASH AREA WITH MILD DETERGENT AND WATER.			
Waste Disposal Method: REMOVE ALL SOURCES OF IGNITION. SOAK UP WITH ABSORBENT MATERIAL AND SHOVEL INTO DRUMS. INCINERATE OR LAND FILLS WHERE PERMITTED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL EPA REGULATIONS.			
VIII. SPECIAL PROTECTION INFORMATION			
Eye Protection WEAR SAFETY GOGGLES		Skin Protection IMPERMEABLE GLOVES (RUBBER – NEOPRENE)	
Respiratory Protection (Specific Type) SELF-CONTAINED BREATHING APPARATUS OR POSITIVE PRESSURE HOSE MASK. NIOSH CANISTER IN OPEN AREAS.		Ventilation Recommended LOCAL EXHAUST OR MECHANICAL TO KEEP VAPOR/MIST BELOW 100 PPM	
Other Protection: EYE WASH FACILITY & SAFETY SHOWER RECOMMENDED.			
IX. SPECIAL PRECAUTIONS			
Hygienic Practices In Handling & Storage: USE WITH ADEQUATE VENTILATION. KEEP CONTAINERS CLOSED. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES, OR SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING.			
Precautions For Repair & Maintenance of Contaminated Equipment: SEE SECTION V AND VI			
Other Precautions: THIS PRODUCT AND/OR ALL THE INGREDIENTS CONTAINED IN THIS PRODUCT HAVE BEEN REGISTERED UNDER THE TOXIC SUBSTANCES CONTROL ACT. THIS PRODUCT CONTAINS TOLUENE AND METHYL ETHYL KETONE WHICH ARE SUBJECT TO THE ANNUAL REPORTING REQUIREMENTS UNDER SECTION 313 OF SARA, TITLE III. - KEEP OUT OF REACH OF CHILDREN -			