

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

IDENTITY AND SUPPLIERS INFORMATION			
PRODUCT NAME:	EPOXY BOND II-A 1-GALLON KIT PART B	CHEMICAL FAMILY:	
GMP PRODUCT NUMBER:	C344	FORMULA:	PROPRIETARY
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE EXPORT, PA 15632	EMERGENCY NO.:	800-255-3924
PROPER SHIPPING NAME:		DATE PREPARED:	12/15/07

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
MAX PERSONAL PROTECTION	E

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CAS NO.	PEL	WT %	TLV	STEL	CEIL	ACGIH TLV
Tall Oil Fatty Acids, Reaction Products with Tetraethylene Pentamine	68953-36-6	Not Established	5.00-10.00%		Not Established	Not Established	
Benzyl Alcohol	100-51-6	Not Established	1.00-5.00%	Not Established	Not Established	Not Established	
2,4,6-Tris((Dimethylamino)methyl)phenol	90-72-2	Not Established	1.00-5.00%	Not Established	Not Established	Not Established	
Tetraethylene Pentamine	112-57-2	Not Established	1.00-5.00%	Not Established	Not Established	Not Established	
Silica, Crystalline Quartz	14808-60-7	0.1mg/m3	0.10-1.00%	0.05 mg/m3	Not Established	Not Established	

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	No Data Available
VAPOR PRESSURE: (mm Hg)	No Data Available
VAPOR DENSITY:	Heavier Than Air
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	1.64
pH RANGE:	Not Applicable
EVAPORATION RATE: (Ether=1)	No Data Available
PHYSICAL DESCRIPTION:	Gray paste with an ammoniacal odor.

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: (FLAME PROJECTION)	AUTO IGNITION TEMP:
FLASH POINT:>212°F (100°C) Method: Pensky-Martens C.C.	
FLAMMABILITY LIMITS: No Data Available	%UEL: %LEL:
EXTINGUISHER MEDIA: Carbon dioxide (CO2), foam, dry chemical, and water fog.	
SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.	
UNUSUAL FIRE/EXP. HAZARDS: Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.	

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY:	Stable under recommended storage conditions.
HAZARDOUS POLYMERIZATION:	Will not occur under normal conditions.
INCOMPATIBILITY:	Strong oxidizing agents, acids, isocyanates and organic peroxides can result in violent explosive reaction.
CONDITIONS TO AVOID:	Prolonged exposure to high temperatures.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of Carbon, Nitrogen Oxides (NOx), and Aldehydes

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY:		FIRST AID PROCEDURES:	
ACUTE EFFECTS:		SKIN:	Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
SKIN:	Can cause severe irritation and possibly burns on prolonged contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause sensitization by skin contact. Prolonged skin contact may defat the skin and produce dermatitis.	EYES:	Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
EYES:	Corrosive. Can cause severe irritation, redness, tearing and blurred vision and possible burns and corneal injury.	INHALATION:	Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferable mouth-to-mouth. Seek immediate medical attention.
INHALATION:	Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Harmful by inhalation.	INGESTION:	Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.
INGESTION:	Corrosive. Intake can cause burns of mouth, esophagus and stomach. Gastrointestinal burns, nausea, vomiting and diarrhea.		
CHRONIC EXPOSURE:	Existing respiratory or skin ailments may be aggravated by exposure. This product contains solvents. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous membrane irritation. Be warned that intentional misuse by deliberately inhaling the vapors and/or the product contents (a process often called "sniffing") can be harmful or fatal. This product contains Crystalline (quartz) Silica which has been listed as a human carcinogen by NTP (Group 1) and IARC (Human Carcinogen) and a Suspected Human Carcinogen by ACGIH (category A2). Repeated or prolonged over exposure to free respirable Crystalline (quartz) silica can cause silicosis or other delayed and serious lung injury. No exposure to respirable Crystalline (quartz) Silica anticipated with recommended use of product.		

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION:	In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.
PROTECTIVE GLOVES:	Wear chemically resistant gloves.
EYE PROTECTION:	When handling product, wear protective equipment such as: goggles, safety glasses with side shields or face-shield.
VENTILATION REQUIREMENTS:	Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.
OTHER PROTECTIVE EQUIPMENT:	Chemically resistant clothes preventive skin protection.
HYGIENIC WORK PRACTICES:	Do not eat, drink or smoke in work area. Wash hands after handling. Launder contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:	Evacuate personnel to safe areas. Wear personal protective equipment (refer to Section 6). Contain spill immediately. Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal.
WASTE DISPOSAL METHODS:	Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.
PRECAUTIONS IN HANDLING AND STORAGE:	For personal protection see Section 6. Store in a place accessible by authorized persons only. Keep container tightly closed.
OTHER PRECAUTIONS:	KEEP OUT OF REACH OF CHILDREN.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.