

MATERIAL SAFETY DATA SHEET

FOR COATING, RESINS, AND RELATED MATERIALS

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SECTION I PRODUCT IDENTIFICATION

Manufacturer's Code Identification: EG21 02
Product Class: EPOXY POLYAMIDE COATING
Trade Name: EPOXY GLAZE PART A EG21, EG20, EG15, EG10, EG204, EG70

HMIS Information: Health- 3 Flammability- 2
Reactivity- 1 Personal Protective Equipment- G
HAZARD INDEX: 4= Severe 3= Serious 2= Moderate 1= Slight 0= Least
Eye Protection, Skin Protection, & Vapor Respirator (for spray application)

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT MATERIAL DESCRIPTION REF#	CAS#	ACGIH TLV (TWA) PPM	OSHA PEL PPM	LEL	
C2 ETHYLENE GLYCOL MONO	/110-80-5	/	5.00/	5.00/	1.8
ETHYL ETHER	/	/	/	/	
10 ETHYLENE GLYCOL	/111-15-9	/	5.00/	10.00/	1.7
MONOETHYL ETHER ACETATE	/	/	/	/	
13 AROMATIC PETROLEUM	/64742-95-6	/	50.00/	50.00/	.9
DISTILLATE	/	/	/	/	

This product contains no reported carcinogens or suspected carcinogens.

This product contains pigments which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

SECTION III PHYSICAL DATA

Boiling Range: High- 335.0 F Low- 156.0 F
Vapor Pressure: 9.00 MMHG @68 F
Vapor Density: Heavier Than Air
Evaporation Rate: Slower than Butyl Acetate
Weight per Gallon: 11.7
VOC Lbs/Gal: 4.674
Physical State: LIQUID
Odor: MODERATE AROMATIC
pH: N/A
Freezing Point: N/A

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: Class 2 DOT: Combustible Liquid
Lowest Flashpoint TCC: 108.0
Explosion Level: Lower- .9 Upper- 15.6
Upper Flammability Limit: N/A
Auto Ignition Temperature: N/A

EXTINGUISHING MEDIA

Use CO2, DRY CHEMICAL, or FOAM

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferred.

SECTION V HEALTH HAZARD DATA

EFFECTS OF EXCESSIVE OVEREXPOSURE:

ACUTE (Short Term):

This product may cause eye irritation, redness, blurred vision.

This product may cause burns or external ulcers.

Inhalation of vapors can cause nasal, respiratory, and skin irritation, fatigue, nausea, headache, or dizziness. Excessive inhalation may cause unconsciousness, or even asphyxiation.

This product is presumed to be moderately toxic.

CHRONIC (Long Term):

Based on tests with laboratory animals, long term overexposure may cause birth defects, reproductive disorders, and blood disorders.

Chronic overexposure to this product may cause kidney and liver injury.

Pulmonary edema may develop with inhalation of high concentrations of this material.

Excessive contact with skin can cause harmful amounts of material to be absorbed.

NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

EMERGENCY & FIRST AID PROCEDURES:

EYE CONTACT: Flush with lukewarm water for 15 minutes. Contact physician.

SKIN CONTACT: Do not remove with solvent. Use waterless hand cleaner followed by soap and water. Remove and clean contaminated clothing.

INHALATION: Remove exposed individual to fresh air. Restore breathing if necessary. Get medical attention.

INGESTION: Rinse mouth. Call a physician or Poison Control Center immediately. Do NOT induce vomiting unless advised by a physician.

Primary routes of entry: Inhalation and Skin

SECTION VI REACTIVITY DATA

Thermal Decomposition in the presence of air may yield oxides of carbon and oxides of nitrogen.

INCOMPATIBILITY (Materials to Avoid)

This material is incompatible with strong oxidizing agents, strong mineral acids, alkali metals, and halogens.

This product is incompatible with strong acids.

STABILITY

This product is stable.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION VII SPILL OR LEAK PROCEDURES

WASTE DISPOSAL METHOD

Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spills must be safely contained and cleaned up immediately. Ventilation may be necessary. Keep out of drains, sewers, and waterways. If severity of spill is questionable, contact the Hazardous Material Response Team.

SECTION VIII SAFE HANDLING AND USE INFORMATION

PROTECTIVE GLOVES

Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buta-N or nitrile. An apron should be worn to avoid skin contact.

RESPIRATORY PROTECTION

Prevent any person from breathing vapors or spray mists. Unless air monitoring establishes exposure limits below TLV, NIOSH/MSHA approved respiratory equipment must be used. Adequate ventilation achieved by fresh air movement is necessary during the application of this material.

SKIN PROTECTION

Wear chemical resistant gloves and skin cream and/or protective clothing.

PROTECTIVE EYEWEAR

Protect eyes by wearing OSHA compliant protective eyewear. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

HYGENIC PRACTICES

Wash hands thoroughly before eating and using washroom. Remove contaminated clothing and do not wear until properly laundered.

SECTION IX SPECIAL PRECAUTIONS

Containers of this material may be hazardous when empty. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions must be observed.

HANDLING AND STORING PRECAUTIONS

Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Do NOT smoke in storage areas or while handling this product.

SECTION X Section 313 Toxic Chemicals

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Chemical	CAS Number	Weight %
ETHYLENE GLYCOL MONOETHYL ETHER	110-80-5	6.25

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR RAW MATERIAL SUPPLIERS AND OTHER SOURCES AND IS BELIEVED TO BE RELIABLE. THIS DATA IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR WHICH LILLY-PERFECTION ASSUMES LEGAL RESPONSIBILITY.