

ARCOR®
EPOXY TECHNOLOGIES™
ARCOR Epoxy Inc.
 PO Box 273 So. Dennis, MA 02660
 Tel:800-878-9593 Fax: 888-878-9593

Material Safety Data Sheet

Material **EE-121 Prime Activator**

Date Prepared 11/01

Emergency Telephone	Day: 800-878-9593
	Night: 800-878-9593

Health Hazard Data

CAS No.	Hazardous Ingredients	ACGIH	OSHA
1477-55-0	Benzene-1-3-Dimethanamine	NA	NA
66402-68-4	Ceramic Microspheres	NA	NA
13463-67-1	Titanium Dioxide	NA	NA
14808-60-7	Quartz Silica	NA	NA

The remaining components are a trade secret

Physical/Chemical Characteristics

Boiling Point	480°F	Vapor Density	NA
Specific Gravity	1.12	Evaporation Rate	Less Than
Solubility in Water	Slight (0.1-1.0%)		
Vapor Pressure	5.50 @ 70°F	Melting Point	NA
Appearance & Odor	Straw Yellow liquid, Amomiacal Odor		

Precautions For Safe Handling and use

Flash Point	>212° F (closed cup)
Flammable Limits	LEL: not available UEL: not available
Extinguishing Media	Use Water spray, Dry chemical, foam or Carbon Dioxide
Special Fire Fighting Procedures	Treat as a class B fire. Use water to cool containers

Reactivity Data

Stability	Stable
Incompatibility (materials to avoid)	Keep away from open flame. Prior to cure, avoid contact with oxidizing agents
Hazardous Decomposition Products	Decomposition may produce Carbon Monoxide and/or Carbon Dioxide
Hazardous Polymerization	Will not occur
Conditions To Avoid	Oxidizing materials

Effects of Overexposure

Ingestion: Low acute oral toxicity.
Eye Contact: Extremely irritating with possible eye injury.
Skin Contact: Overexposure could cause burns and blistering.
Skin Absorption: Not likely to be absorbed through skin in toxic amounts

Inhalation: Not considered a problem unless heated to high temperature.

Emergency and First Aid Procedures

Skin: Wash with soap and water; wash clothes before reuse
Ingestion: DO NOT INDUCE VOMITING. Give one glass of water unless victim is drowsy, convulsing, or unconscious. Seek medical attention immediately.
Inhalation: Remove to fresh air if effects occur; consult physician.
Eyes: Irrigate with water for fifteen minutes; consult physician.

Spill or Leak Procedure

Steps to be Taken if Release or Spilled

Absorb with inert material (sand, vermiculate, Ect.), sweep or scoop up and put in disposal container. Flush area immediately with plenty of water; prevent washings from entering waterways.

Waste Disposal Method

Incinerate in furnace or bury in landfill in accordance with Federal, State & Local Regulations.

Special Protection Information

Respiratory Protection

NIOSH approved organic vapor respirators are only required when ventilation is inadequate. NIOSH approved air-line respirators with auxiliary escape air tanks or self-contained breathing apparatus should be used in confined spaces.

Ventilation

Local mechanical exhaust

Protective Gloves

Impervious gloves

Eye Protection

Safety Glasses with side shields.

Other Protective Equipment

Safety shower and eye bath should be provided. Use coveralls or apron to protect against skin and clothing contamination.

Special Precautions

Precautions to be taken in Storage and handling

Practice reasonable care and cleanliness

Other Precautions

Avoid gross contamination of skin. Wash with plenty of soap and water. Use with adequate ventilation. Avoid breathing vapors

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CAS No.	Hazardous Ingredients	ACGIH	OSHA
28064-14-4	Phenol Novolac Resin	NA	NA
68609-97-2	Alkyl Glycidyl Ether	NA	NA
67762-90-7	Fumed Silica	NA	NA
14808-60-7	Quartz Silica	NA	NA

Physical/Chemical Characteristics

Boiling Point	NA	Vapor Density	NA
Specific Gravity	1.15	Evaporation Rate	NA
Solubility in Water	none		
Vapor Pressure	NA	Melting Point	NA
Appearance & Odor	Straw or colored liquid, sweet characteristic Odor		

Precautions For Safe Handling and use

Flash Point

485° F (PMCC)

Flammable Limits

LEL: not available UEL: not available

Extinguishing Media

Use Water spray, Dry chemical, foam or Carbon Dioxide

Special Fire Fighting Procedures

Treat as a class B fire.

Reactivity Data

Stability

Stable

Incompatibility with other materials

Avoid contact with amines. Keep away from open flame prior to cure.

Hazardous Decomposition Products

Thermal Decomposition may produce Carbon Monoxide and/or Carbon Dioxide

Hazardous Polymerization

Will not occur

Conditions To Avoid

Strong Acids, Amines, Mercatons, Bases (in uncontrollable Amounts)

Material Safety Data Sheet

Material

EE-121 Prime Base

Revision

01/03

Health Hazard Data

Effects of Overexposure

Ingestion: Low acute oral toxicity; LD50 (RAT) greater than 2000 MG/KS.

Eye Contact: Minor transient irritation. No corneal injury likely.

Skin Contact: Only minor irritation. May be a skin sensitizer.

Skin Absorption: Not likely to be absorbed through skin in toxic amounts.

Inhalation: Not considered a problem unless heated to high temperature.

Emergency and First Aid Procedures

Skin: Wash with soap and water; wash clothes before reuse

Ingestion: If swallowed, Call physician immediatly. Note to

Physicians: Remove stomach contents by gastric suction or induce vomitting only directed by medical personnel. Never Give anything by mouth to an unconcious person.

Inhalation: Remove to fresh air if effects occur; consult physician.

Eyes: Irrigate with water for fifteen minutes; consult physician.

Spill or Leak Procedure

Steps to be Taken if Release or Spilled

Absorb with inert material (sand, vermiculate, Ect.), sweep or scoop yp and put in disposal container. Flush area immediately with plenty of water; prevent washings from entering waterways.

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Special Precautions

Precautions to be taken in Storage and handling

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