

**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-121HT Activator**

Date Prepared 11/03

<b>Emergency Telephone</b>	<b>Day:</b> 800-878-9593
	<b>Night:</b> 800-878-9593

### Health Hazard Data

CAS No.	Hazardous Ingredients	ACGIH	OSHA
1477-55-0	Benzene-1-3-Dimethaneamine	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

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

### 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.

### Precautions For Safe Handling and use

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

### 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.

### Reactivity Data

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

### 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

<b>Precautions to be taken in Storage and handling</b>	Practice reasonable care and cleanliness
<b>Other Precautions</b>	Avoid gross contamination of skin. Wash with plenty of soap and water. Use with adequate ventilation. Avoid breathing vapors

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# Material Safety Data Sheet

**Material**

**EE-121HT Base**

Revision 11/03

## 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 immediately. Note to Physicians: Remove stomach contents by gastric suction or induce vomiting only directed by medical personnel. Never Give anything by mouth to an unconscious 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 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 of 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

<b>Emergency Telephone</b>	<b>Day:</b> 800-878-9593
	<b>Night:</b> 800-878-9593

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

<b>Boiling Point</b>	NA	<b>Vapor Density</b>	NA
<b>Specific Gravity</b>	1.15	<b>Evaporation Rate</b>	NA
<b>Solubility in Water</b>	none		
<b>Vapor Pressure</b>	NA	<b>Melting Point</b>	NA
<b>Appearance &amp; Odor</b>	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)

## 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