

<b>Emergency Telephone</b>	<b>Day: 800-878-9593</b>
	<b>Night: 508-385-3376</b>

<b>HAZARDOUS INGREDIENTS</b>	<b>CAS NUMBER</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other</b>
Bisphenol F Epoxy Resin	28064-14-4	not established	not established	
Diglycidyl Ether of Cylohexane Dimethanol	14228-73-0	not established	not established	

**Health Hazard Data**

**Routes Of Entry**

Skin, Ingestion, Inhalation

**Health Hazards**

Skin: Dermal irritation; Eyes: Eye Irritation

Ingestion: Gastrointestinal Irritation

Inhalation: Respiratory Irritation

**Signs and Symptoms of Exposure**

Skin: Reddening, Swelling, Rash, Blistering, Scaling

Ingestion: Dizziness, Weakness

Inhalation: Burning in nose & throat, Chest pains

Eyes: Pain, tearing, Reddening, Swelling

**Medical Conditions Aggravated By Exposure**

Skin and Eye conditions

**Emergency and First Aid Procedures**

Skin: Immediately remove with clean cloth, wash with soap and water. If irritation persists get medical advice.

Ingestion: DO NOT INDUCE VOMITING. Drink lots of water and consult physician immediately.

Inhalation: If symptoms occur move to fresh air and consult physician immediately.

Eyes: Flush with clean water for 15 minutes. Consult Physician if irritation persists.

**Physical/Chemical Characteristics**

<b>Boiling Point</b>	Not Applicable	<b>Melting Point</b>	Not Applicable
<b>Vapor Pressure</b>	Not Applicable	<b>Evaporation Rate</b>	Negligible
<b>Vapor Density</b>	Not Applicable	<b>Specific Gravity</b>	2.0 @ 25 C
<b>Appearance &amp; Odor</b>	Black, Viscous paste, Sweet odor		
<b>Solubility in Water</b>	insoluble		

**Precautions For Safe Handling and use**

<b>Flash Point</b>	>100 C (closed cup)
<b>Flammable Limits</b>	LEL: not available UEL: not available
<b>Extinguishing Media</b>	Dry Chemical, Carbon Dioxide, Foam, Water Spray
<b>Special Fire Fighting Procedures</b>	Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed
<b>Unusual Fire and Explosion Hazards</b>	Decomposition and combustion products may be hazardous.

**Reactivity Data**

<b>Stability</b>	Stable
<b>Stability Conditions To avoid</b>	Not Applicable
<b>Incompatibility (materials to avoid)</b>	Strong Oxidizing Agents, acids, bases
<b>Hazardous Decomposition Products</b>	Carbon Monoxide & Irritating Toxic Fumes
<b>Hazardous Polymerization</b>	Will not occur

**Precautions For Safe Handling and use**

<b>Spillage</b>	Absorb with inert material e.g. earth or sand. Sweep into labeled containers. Flush area with detergent and water.
<b>Waste Disposal</b>	Dispose of in accordance with Federal, State & Local Regulations
<b>Precautions For Handling and Storage</b>	Store in tightly closed containers in cool dry place. Avoid high temperatures and ignition sources
<b>Hygiene Practices</b>	Do not eat, drink, smoke when using. Remove contaminated cloths and wash before reuse. Wash hands and exposed skin with soap and water.

**Control Measures**

<b>Respiratory Protection</b>	Not required in normal use. NIOSH respirator if spraying
<b>Ventilation</b>	When suitable natural ventilation is not available provide local exhaust ventilation especially when spraying.
<b>Other Protective Measures</b>	Provide all workers with permeation resistant gloves (butyl rubber), safety glasses. Cover as much skin as possible. Do not wear contact lenses while handling.

**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-93 Activator**

Revised 06/09/04

<b>Emergency Telephone</b>	<b>Day: 800-878-9593</b>
	<b>Night: 508-385-3376</b>

<b>HAZARDOUS INGREDIENTS</b>	<b>CAS NUMBER</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other</b>
Amines Less than 3.5%	1477-55-0	not established	not established	
Amines Less than 21%	100-51-6	not established	not established	
Benzyl Alcohol	100-51-6	not established	not established	
Acrylonitrile	107-13-1	2ppm	2ppm	
Butadiene	106-99-0	1000 ppm	10 ppm	

**Health Hazard Data**

**Routes Of Entry**

Skin, Ingestion, Inhalation

**Health Hazards**

Skin: Dermal irritation; Eyes: Eye Irritation  
 Ingestion: Gastrointestinal Irritation  
 Inhalation: Respiratory Irritation

**Signs and Symptoms of Exposure**

Skin: Reddening, Swelling, Rash, Blistering, Scaling  
 Ingestion: Dizziness, Weakness  
 Inhalation: Burning in nose & throat, Chest pains  
 Eyes: Pain, tearing, Reddening, Swelling

**Medical Conditions Aggravated By Exposure**

Skin and Eye conditions

**Emergency and First Aid Procedures**

Skin: Immediately remove with clean cloth, wash with soap and water. If irritation persists get medical advice.  
 Ingestion: DO NOT INDUCE VOMITING. Drink lots of water and consult physician immediately.  
 Inhalation: If symptoms occur move to fresh air and consult physician immediately.  
 Eyes: Flush with clean water for 15 minutes. Consult Physician if irritation persists.

**Physical/Chemical Characteristics**

<b>Boiling Point</b>	Not Applicable	<b>Melting Point</b>	Not Applicable
<b>Vapor Pressure</b>	Not Applicable	<b>Evaporation Rate</b>	Negligible
<b>Vapor Density</b>	Not Applicable	<b>Specific Gravity</b>	1.1 @ 25 C
<b>Appearance &amp; Odor</b>	white, Viscous paste, Strong Ammoniacal odor		
<b>Solubility in Water</b>	partially soluble		

**Precautions For Safe Handling and use**

<b>Flash Point</b>	>100 C (closed cup)
<b>Flammable Limits</b>	LEL: not available UEL: not available
<b>Extinguishing Media</b>	Dry Chemical, Carbon Dioxide, Foam, Water Spray
<b>Special Fire Fighting Procedures</b>	Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed
<b>Unusual Fire and Explosion Hazards</b>	Decomposition and combustion products may be hazardous.

**Precautions For Safe Handling and use**

<b>Spillage</b>	Absorb with inert material e.g. earth or sand. Sweep into labeled containers. Flush area with detergent and water.
<b>Waste Disposal</b>	Dispose of in accordance with Federal, State & Local Regulations
<b>Precautions For Handling and Storage</b>	Store in tightly closed containers in cool dry place. Avoid high temperatures and ignition sources
<b>Hygiene Practices</b>	Do not eat, drink, smoke when using. Remove contaminated cloths and wash before reuse. Wash hands and exposed skin with soap and water.

**Reactivity Data**

<b>Stability</b>	Stable
<b>Stability Conditions To avoid</b>	Not Applicable
<b>Incompatibility (materials to avoid)</b>	Strong Oxidizing Agents, acids, bases
<b>Hazardous Decomposition Products</b>	Carbon Monoxide & Irritating Toxic Fumes
<b>Hazardous Polymerization</b>	Will not occur

**Control Measures**

<b>Respiratory Protection</b>	Not required in normal use. NIOSH respirator if spraying
<b>Ventilation</b>	When suitable natural ventilation is not available provide local exhaust ventilation especially when spraying.
<b>Other Protective Measures</b>	Provide all workers with permeation resistant gloves (butyl rubber), safety glasses. Cover as much skin as possible. Do not wear contact lenses while handling.