



# MATERIAL SAFETY DATA SHEET

## 5234A

### 1. Hazardous Ingredients

#### Ingredient

Bisphenol - A type Epoxy Resin : 85 - 90%  
Butyl Glycidyl ether : 10 - 15% (CAS No.: 2426-08-6)

### 2. Physical Data

Boiling Range : ca.165°C  
Vapor Pressure : Not Available  
Specific Gravity(25°C) : ca.1.12 g/cm<sup>3</sup>  
Solubility : Slight  
Percent Volatile : 10 - 15%

### 3. Fire and Explosion Hazard Data

Flash Point : ca.92°C (open cup)  
Flammable Limits : LFL : Not determined  
ULF : Not determined  
Extinguish Media : Carbon Dioxide, Dry Powder, Foam, Water Spray  
Special Fire : Use self-contained breathing apparatus  
Fighting Procedures

### 4. Health Hazard Data

#### Effects of over exposure :

This product may cause skin and eye irritation and / or sensitization after repeat contact.

#### Emergency and first aid procedures :

In case of skin contact, wash immediately with soap and water. For eye, flush with plenty of water for 15 minutes and SEEK MEDICAL ATTENTION IMMEDIATELY.

### 5. Reactivity Data

Stability : Stable  
Condition avoid : Excess heating over long period of time degrades the resin.  
Incompatibility(Material to avoid) : Strong oxidization agent, acids and bases.  
Hazardous decomposition products : Obnoxious and toxic fumes, CO/CO<sub>2</sub>  
Hazardous polymerization : May occur



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Condition to avoid : With excess of curing agent, strong acids, strong bases, strong oxidizing agent.

### 6. Spill or Leak Procedures

Steps to be taken in case material is released or spilled :

Remove all sources of ignition

Absorb on combustible material for proper disposal

Flush contaminated areas with water

Waste disposal method :

Incineration or landfill in accordance with local pollution regulation and ordinance

### 7. Special Protection Information

Respiratory protection : NOISH approved organic vapor respirator recommended

Ventilation : General mechanical ventilation and local exhaust

Protective gloves : Impervious gloves

Eye protection : Splash-proof goggles

Other protective equipment : Safety shower eye bath

### 8. Special Precautions

Precaution to be taken in : Practice reasonable care and cleanliness handling and storing

Other precautions : Avoid gross contamination of skin. Wash off skin with soap and water