香港九龍灣常悅道 20 號環球工商大廈 10 樓 9 室 Room 9, 10/F. International Plaza, 20 Sheung Yuet Road, Kowloon Bay, H.K. Tel: 852-2751 8880 Fax: 852-2795 1625 Web Site: www.uea.com.hk E-mail: info@uea.com.hk

# **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℃

Vapor Pressure : Not Available Specific Gravity (25 $^{\circ}$ ) : ca.1.12 g/cm<sup>3</sup>

Solubility : Slight
Percent Volatile : 10 - 15%

#### 3. Fire and Explosion Hazard Data

Flash Point : ca.92℃ (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 fist aid procedures:

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

#### 5. Reactivity Data

Stability : Stable

Condition avoid : Excess heating over long period of time degrades

the resin.

Incompatibility (Material : Strong oxidization agent, acids and bases.

to avoid)

Hazardous decomposition : Obnoxious and toxic furns, CO/CO2

products

Hazardous polymerization : May occur

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<sup>\*\*</sup> All the information is provided on the basic in good faith, and is believed to be trustworthy but is for reference only. Adhesion is very complicated and the result of it is much dependent on the surface material, additives, releasing agents of the substrates and user's methods. UEA and its agents, dealers, distributors, directors and employees cannot accept any liability for the results whatsoever arising from the use of UEA's products due that the utilization of these products is simply out of UEA's control. The users are responsible for selecting the suitability of the products and methods of use.

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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

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