

# MATERIAL SAFETY DATA SHEET

**Glue Machinery Corporation<sup>TM</sup>**

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## **MATERIAL SAFETY DATA SHEET – CFA1013(continued)**

### **SECTION 111 – HAZARD IDENTIFICATION (continued)**

#### **INGESTION:**

No hazard is expected in normal industrial use. Do not eat, drink, or smoke around chemicals.

#### **SKIN:**

May cause skin irritation. Material may be absorbed through the skin leading to allergic reaction or respiratory sensitization. Material may stick to skin causing irritation upon removal. May stain skin.

#### **EYE:**

May cause slight eye irritation. Corneal injury is unlikely.

#### **MEDICAL CONDITIONS AGGRIVATED BY EXPOSURE:**

Respiratory conditions such as asthma.

#### **CARCINOGENICITY:**

IARC: No  
NTP: No  
OSHA: No  
ACGIH: No

#### **REPRODUCTIVE TOXICITY:**

In laboratory animals, MID/polymeric MDI do not produce birth defects; other fetal effects occurred only at doses which were toxic to the mother.

#### **TARGET ORGANS:**

Eyes, skin, and respiratory tract.

### **SECTION 1V – FIRST AID MEASURES**

#### **INHALATION:**

Remove to fresh air. If not breathing, give mouth to mouth resuscitation. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

#### **INGESTION:**

If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

#### **SKIN:**

Remove contaminated clothing immediately, wash skin with soap and water, and launder clothing before reuse. Contact physician if persistent irritation occurs.

#### **EYE:**

Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel. Material containing MDI may react with moisture of the eye forming thick material which may be difficult to wash from the eye.

### **SECTION V – FIRE FIGHTING MEASURES**

Flammable Class (OSHA): IIIB  
Flash Point: >350F  
Explosive Range: Not Applicable

**MATERIAL SAFETY DATA SHEET – CFA1013 (continued)**

**SECTION V – FIRE FIGHTING MEASURES (continued)**

**EXTINGUISHING MEDIA:**

## **MATERIAL SAFETY DATA SHEET – CFA1013 (continued)**

### **SECTION V111 – EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)**

#### **ENGINEERING CONTROLS:**

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

#### **RESPIRATORY PROTECTION:**

Atmospheric levels should be maintained below the exposure guidelines. For emergency and other conditions where an exposure guideline may be exceeded, use an approved positive-pressure self-contained breathing apparatus, or supplied air respirator with an auxiliary self-contained air supply.

#### **EYE PROTECTION:**

Use safety glasses.

#### **SKIN PROTECTION:**

Use impervious materials made of butyl or nitrile rubber where skin contact may occur.

#### **GENERAL:**

Safety shower and eye wash station.

### **SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

Form:	Solid
Appearance/Color:	White in solid state
Odor:	Mild
Solubility (in water):	N
pH value:	Not applicable
Boiling Range/Point:	Not applicable
Evaporation Rate:	
% Volatile:	0.0%
Specific Gravity:	1.17
VOC:	0 G/L

### **SECTION X – STABILITY AND REACTIVITY**

Stability:	This product is stable
Hazardous Polymerization:	Hazardous polymerization will not occur

#### **CONDITIONS TO AVOID:**

Stable when stored under normal conditions. Decomposition begins at 350F (177C).

#### **INCOMPATIBILITY:**

Water, acids, bases, alcohols, metal compounds, and surface active materials. Avoid water as it reacts to generate heat, CO<sub>2</sub>, and insoluble urea. Some reactions may be vigorous.

#### **HAZARDOUS DECOMPOSITION PRODUCTS:**

Excessive heating can produce isocyanate vapor, mist and other hazardous organic compounds. Decomposition may occur with incompatible reactants, especially strong bases, water or temperatures over 320F (160C).

**MATERIAL SAFETY DATA SHEET – CFA1013 (continued)**

**SECTION XI – TOXICOLOGICAL INFORMATION**

This information has not been tested for toxicological effects.

**SECTION XII – ECOLOGICAL INFORMATION**

This information has not been tested for environmental effects.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Disposal of this product must comply with all applicable federal, state and local regulations.

**CONTAINER DISPOSAL:**

Disposal of this container should comply with all applicable federal, state and local regulations.

**SECTION XIV – TRANSPORT INFORMATION**

UN Number: None  
UN Pack Group: N/A  
UN Class: N/A  
ICAO/IATA Class: Non Hazardous (\*see note)  
Shipping Name: Non Hazardous

Packaging may not be approved for shipping by air. Please contact Glue Machinery Corporation for further information.

**SECTION XV – REGULATORY INFORMATION**

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Percent</u>
4,4' -ciphenylmethane diisocyanate	101-68-8	3.00

**TSCA (TOXIC SUBSTANCES CONTROL ACT INVENTORY):**

All components of this product are listed on the TSCA inventory except as exempted.

**SECTION XVI – OTHER INFORMATION**

**DISCLAIMER:**

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Glue Machinery Corporation makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.