

# MATERIAL SAFETY DATA SHEET

## SILICONE ADHESIVE

### 1 - IDENTIFICATION

**Manufacturer:** Kerr Corporation  
**Address:** 1717 West Collins Avenue  
**City, State, Zip:** Orange, CA 92867-5422  
**Telephone:** 1-800-KERR-123  
**Emergency:** Chemtrec 1-800-424-9300  
**Date Prepared:** September 2, 2005

### 2 - COMPOSITION INFORMATION

#### Hazardous Ingredients

|             | <u>CAS #</u> | <u>PEL</u> | <u>TLV</u> | <u>%</u> |
|-------------|--------------|------------|------------|----------|
| Acetone     | 67-64-1      | 750 ppm    | 750 ppm    | 40-45    |
| Isopropanol | 67-63-0      | 400 ppm    | 400 ppm    | 25       |
| Toluene     | 108-88-3     | 100 ppm    | 100 ppm    | <20      |
| N-Butonal   | 71-36-3      | 100 ppm    | 150 ppm    | <20      |

#### Other Ingredients

Polymeric Resins

### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 133° F  
**Specific Gravity (H<sub>2</sub>O = 1):** 0.8  
**Vapor Pressure (mm Hg):** N/D  
**Vapor Density (AIR = 1):** N/D  
**Melting Point:** Not Applicable  
**Solubility in Water:** Insoluble  
**Appearance and Odor:** Pink liquid with strong solvent odor

### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** -12 ° C  
**Flammable Limits:** LEL: 1.0 UEL: 12.0  
**Extinguishing Media:** Carbon dioxide or dry chemical  
**Special Fire Fighting Procedures:** Wear self contained breathing apparatus  
**Unusual Fire and Explosion Hazards:** Extremely flammable.  
Overheated closed containers could explode.

### 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Avoid high temperatures and ignition sources.  
**Incompatibility (Material to Avoid):** Oxidizing agents  
**Hazardous Decomposition Products:** Oxides of carbon and silicon  
**Hazardous Polymerization:** Will not occur

### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Skin:** May cause dermatitis after prolonged contact. May be harmful if absorbed through skin.  
**Eyes:** Liquid contact may cause irritation and tissue damage.  
**Inhalation:** May cause irritation of nose and throat, headache and nausea.  
**Ingestion:** May cause nausea, vomiting, dizziness and stomach irritation.  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No **OSHA Regulated Carcinogen:** No

### 7 - EMERGENCY FIRST AID PROCEDURES

**Eyes:** Flush with water for 15 minutes. Contact physician.  
**Skin:** Wash with soap and water.  
**Inhalation:** Remove to fresh air. If irritation persists, contact physician.  
**Ingestion:** Do not induce vomiting. Give two glasses of milk or water and contact a physician.

### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Eliminate ignition sources. Cover spill with non-flammable absorbent. Scoop up and place in an appropriate container for disposal. Do not allow liquid to enter drains.

**Waste disposal method:** Dispose of in accordance with all federal, state and local regulations.

**Precautions to be taken in handling and storing:** Avoid contact with eyes. Keep container closed. Use and store in a well ventilated area away from direct sunlight, heat, sparks and open flames. Avoid repeated contact with vapors and skin contact.

**Other precautions:** Use according to directions.

### 9 - CONTROL MEASURES

**Respiratory Protection:** Use in a well ventilated area.

#### **VENTILATION:**

**Local Exhaust:** Adequate ventilation to keep concentration below 100 ppm.

**Mechanical (General):** Should be sufficient

**Protective Gloves:** Impervious rubber gloves

**Eye Protection:** Safety glasses

**Other Protective Clothing or Equipment:** Eye wash recommended

**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

### 10 - TRANSPORTATION INFORMATION

#### LIQUID

**Regulated:** DOT, IATA, IMO  
**Proper Shipping Name:** Adhesive, containing flammable liquids.  
**Hazard Class:** 3  
**Identification Number:** UN1133  
**Packing Group:** II  
**Label Requirement:** Flammable Liquid

### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Ratings:**  
H2 F3 R0

[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard;  
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

**State Right To Know (RTK): California Proposition 65 Warning:**  
This product contains toluene, a chemical known to the state of California to cause birth defects or other reproductive harm.