

# Material Safety Data Sheet

Milamar 8219A - Epoxy Caulk Part "A"

## **MUSSON 110 - CARTRIDGE**

Complies with OSHA's Hazard Communication Standard CFR 1910.1200

### **I. Chemical Product and Company Identification**

#### **Material Identity**

**HMIS: H: 2 / F: 0 / R: 1 / P: B**

**Product Code and Name:** 8219A – Epoxy Caulk Part "A"

**Product Class:** Adhesive

**DOT Class:** Not regulated – Limited Quantity

**Manufacturer:** Milamar Adhesives  
7500 Melrose Lane  
Oklahoma City, OK 73127

**24 Hour Emergency:** Chemtrec 1(800) 255-3924

**Date Prepared:** October 5, 1999

**Date Revised:** November 1, 2005

### **II. Composition/Information on Hazardous Ingredients**

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%</u>	<u>CAS Number</u>
Epichlorohydrin Bisphenol A Resin	NE	NE	40-50	25068-38-6
Epichlorohydrin Polyglycol Resin	NE	NE	10-20	41638-13-5
Miscellaneous Inert Fillers	NE	NE	35-45	

### **III. Physical Data**

**Vapor Density (air = 1):** Not determined

**Boiling Point:** Not determined

**Density:** 12.65 #/gal

**Vapor Pressure:** Not determined

**Solubility in Water:** None

**Appearance and odor:** Grayish mastic, mild epoxy resin odor

**Evaporation Rate (butyl acetate =1):** Not determined

**V.O.C.** <10 g/L

**% Solids:** > 95%

### **IV. Fire and Explosion Hazards**

**Flash Point (Method Used):** >450° F

**Flammable Limits:** Not determined

**Flammability Classification: OSHA:** None

**DOT:** Not regulated

**Extinguishing Media:** Carbon dioxide, Dry chemical or foam.

**Special Fire Fighting Procedures:** Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure buildup and possible auto-ignition or explosion when exposed to extreme heat. Fog nozzles are preferred if water is used.

**Unusual Fire and Explosion Hazards:** Keep containers closed except when in use. Closed containers may explode when exposed to extreme heat. Do not use in vicinity of open flame or sparks. Extinguish all pilot lights and all sources of ignition.

## V. Reactivity Data

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	In reaction with many curing agents, considerable heat is released. Avoid excessive heat.
<b>Incompatibility (Materials to Avoid):</b>	Oxidizing materials
<b>Hazardous Decomposition Products:</b>	Carbon Monoxide, Carbon Dioxide, Aldehydes and acids from incomplete combustion.
<b>Hazardous Polymerization:</b>	Will not occur.

## VI. Health Hazard Data

<b>Effects of Exposure:</b>	<b>Chronic:</b> Prolonged or repeated skin exposure can cause skin irritation or allergic reaction. <b>Acute:</b> Prolonged or repeated exposure can cause mild skin irritation. Mildly irritating to the eyes.
<b>Emergency and First Aid Procedures:</b>	<b>Skin:</b> Wash with soap and water or waterless skin cleanser. Remove contaminated clothing. Followed by soap and water. Get medical help if irritation persists. <b>Eyes:</b> Flush with large amounts of water for 15 minutes. Get medical help if irritation persists. <b>Ingestion:</b> Get medical attention.

## VII. Precautions for Safe Handling and Use

<b>Steps to be taken in case material is spilled or released:</b>	Scrape into containers for disposal.
<b>Waste disposal method:</b>	Dispose of according to federal, state and local regulations. Can be incinerated in approved facility if not in closed containers.
<b>Handling and Storage Precautions:</b>	Keep container tightly closed. Store in a cool dry place. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse.
<b>Transportation Data:</b>	See Section I
<b>Other Precautions:</b>	<b>KEEP OUT OF REACH OF CHILDREN!</b>

## VIII. Control Measures

<b>Respiratory Protection:</b>	Not usually required. Use respiratory protection if vapor levels are at or above TLV levels. (Use NIOSH approved respirator.). Use only in well ventilated areas.
<b>Ventilation:</b>	Good General/Local ventilation to control vapor levels below TLV.
<b>Protective Gloves:</b>	Chemical resistant gloves recommended
<b>Eye Protection:</b>	Goggles recommended
<b>Hygienic Practices:</b>	Good general cleanliness and hygiene. Wash skin and hands after exposure.

Disclaimer: This Safety Data Sheet was prepared to protect against any reasonable exposure to consumers or employees arising out of the intended use of the product and to provide them with information regarding potential hazards contained in the product. Under varied circumstances the hazardous ingredients may pose a lesser or greater hazard. Because of the scientific data contained in these sheets was obtained from tests performed by agencies other than Milamar Adhesives, the company cannot guarantee its accuracy. Milamar Adhesives makes no warranty of any kind, expressed or implied. The user must assume all risk and liability resulting from reliance on the information contained on this Material Safety Data Sheet and the use of this product, whether used in combination with other products or singly.