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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**Product Name:** 26MA POWER BEAD RED RTV SILICONE 7.25 OZ AE  
**Item No:** 85915  
**Product Type:** Silicone (Barrier Pack)

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	>40,000 mg/kg	>535 mg/l	
AMORPHOUS SILICA 7631-86-9	5-15	>5000 mg/kg	>2.2 mg/L/1H	
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	<7	7400 mg/kg	4.6 mg/L/4H	5 mg/m <sup>3</sup>
IRON OXIDE 1309-37-1	<5	>10000 mg/kg	not available	5 mg/m <sup>3</sup>
ETHYLTRIACETOXSILANE 17689-77-9	<3	not available	not available	
METHYLTRIACETOXSILANE 4253-34-3	<3	2060 mg/kg	not available	
TITANIUM DIOXIDE 13463-67-7	<2	>10000 mg/kg	not available	10 mg/m <sup>3</sup>
NITROGEN 7727-37-9	<3	not available	not available	
ACETIC ACID 64-19-7	0.5-2.0	3310 mg/kg	11.4 mg/L/1H	5 mg/m <sup>3</sup>

### III. PHYSICAL DATA

**Physical State/Appearance:** Red paste  
**Odour & Odour Threshold:** Acetic acid  
**Specific Gravity:** 1.04  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**Vapour Pressure:** 66 mm Hg @ 20°C  
**Vapour Density:** Not determined  
**Freezing Point:** Not determined  
**pH:** Does not apply  
**Octanol/Water Coefficient:** Not determined  
**Boiling Point:** Not applicable, Polymeric

### IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Hazardous Combustion Products:** Acetic acid, formaldehyde, silica fume, oxides of carbon and nitrogen, metal oxides.  
**Sensitivity to Static Discharge:** Aerosol cans are under pressure and may explode in fire.  
**Conditions of Flammability:** Contents under pressure. Containers may explode if heated. Keep containers cool.  
**Flash Point/Range:** >95°C COC  
**Autoignition Temperature:** Not determined  
**Upper Explosive Limit:** Not determined  
**Lower Explosive Limit:** Not determined

### V. REACTIVITY DATA

**Conditions Causing Chemical Instability:** None  
**Materials to avoid:** Strong oxidizers, Acids, Water, Polymerization can occur  
**Conditions of Reactivity:** High temperatures  
**Hazardous Decomposition Products:** Acetic acid, Formaldehyde, Silicon oxides

## **VI. HAZARDS IDENTIFICATION**

<b>Primary Routes of Exposure:</b>	Eye and skin contact, ingestion, inhalation
<b>Existing Conditions Aggravated by Exposure:</b>	Methyltriacetoxysilane: Eye, skin and pulmonary disorders..
<b>Toxicity Information:</b>	<b>(See Effects of Acute Exposure to Product)</b>
<b>Effects of Acute Exposure:</b>	****When this product is exposed to moisture, acetic acid may be formed. When heated to temperatures above 150 degrees C. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate eyes, nose and throat. Safe handling conditions may be maintained by keeping vapor concentrations below permissible exposure limits. Cured material is inert if ingested.
<b>Effects of Chronic Exposure:</b>	None known. Note: This product does not contain microcrystalline silica.
<b>Irritancy of Product:</b>	Acetic acid produced during cure irritates eyes, nose and throat.
<b>Sensitization to Product:</b>	<b>(See Effects of Acute Exposure to Product)</b>
<b>Carcinogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Reproductive Toxicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Teratogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Mutagenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Toxicologically Synergistic Products:</b>	None known
<b>WHMIS Hazard Class:</b>	A COMPRESSED GAS

## **VII. PREVENTATIVE MEASURES**

<b>Personal Protection</b>	
<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	Neoprene or nitrile gloves recommended.
<b>Ventilation:</b>	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product. In case of insufficient ventilation, wear an organic vapor respirator.
<b>Engineering Controls:</b>	Eliminate all sources of ignition. Wipe or scrape up spill material. Maintain good ventilation for large spills.
<b>Spill Procedures:</b>	Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.
<b>Protection of Man and Environment:</b>	Follow Canadian and local regulations for disposal.
<b>Handling Procedures and Equipment:</b>	Contents under pressure. Do not puncture or incinerate container. Do not store sealed containers near extreme heat.
<b>Special Handling Information:</b>	Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Do not wear contact lenses. Keep away from heat, sparks and open flame.
<b>Comments:</b>	When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde

## **VIII. FIRST AID MEASURES**

<b>Ingestion:</b>	Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
<b>Skin Contact:</b>	Wipe off material with paper towel or cloth. Wash off with soap and water. If skin irritation persists, call a physician.
<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

## **IX. SHIPPING INFORMATION**

### **Canadian Transportation of Dangerous Goods**

<b>Proper Shipping Name:</b>	Aerosols (May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG Regulations)
<b>Hazard Class:</b>	Class 2.2
<b>UN/ID No:</b>	UN 1950

### **IATA**

<b>Proper Shipping Name:</b>	Consumer Commodity (Not more than 1 liter)
<b>Class or Division:</b>	Class 9
<b>UN/ID Number:</b>	ID 8000

### **IMDG**

<b>Proper Shipping:</b>	Aerosols, Limited Quantity
<b>Hazard Class:</b>	Class 2.2
<b>UN Number:</b>	UN 1950

**Product Name:** 26MA POWER BEAD RED RTV  
SILICONE 7.25 OZ AE

**Item No:** 85915

## **X. PREPARATION INFORMATION**

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 1  
NFPA is a registered trademark of the National Fire Protection Assn.

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