

MATERIAL SAFETY DATA SHEET

Product Identification:

Product Name: **RTV 816 – Part A**

Chemical Name: Silicone Rubber

Date: 05-01-2013

1.0 General Information:

Supplier: **Polycast Industries Inc.**
130 South 2nd St
Bay Shore, New York 11706
Emergency Phone No: 1-800-486-3512

2.0 Hazardous Ingredients:

<u>Ingredient</u>	<u>CAS NO:</u>	<u>%</u>
Calcium Carbonate	471-34-1	15-25
Ethyl Silicate	75-10-4	0.5-2.5
Polydimethylsiloxanes, silanol terminated	7013-67-8	40-70
Celite	688855-54-1	10-20
Iron Oxide	1309-37-1	0.25-40

3.0 Chemical & Physical Properties:

Boiling Range > 300F Freezing Point: N/A % Volatile Volume: N/A
Vapor Pressure: 1.2g/cm³ Vapor Density: N/A Specific Gravity: 1.43
H₂O Solubility: < 0.1% Evaporation: Slower than n-Butyl Acetate

4.0 Flammability & Explosive Properties:

Flash Point: 300F

Flammability Classification

OSHA: Combustible Liquid, Class III B

DOT: Not regulated

Extinguishing Media

Carbon Dioxide

Dry Chemical

Special Fire Fighting Procedures

Wear protective coating

Shut off all power to area

Self-contained breathing apparatus to be used.

Do not use water

Explosive Limits: LEL UEL
N/A N/A

5.0 **Toxicological Information:**

Ingredient	OSHA PEL	ACGIH TLV (twa) mg/m ³ ppm	LD50 mg/kg (mg/kg) rat rbt oral dermal	LC50 (ppm) (rat) inhalation
Organopolysiloxane	N/A	N/A	N/A	N/A

6.0 **Health Hazard Data:**

Effects of Overexposure: Contact irritating to eyes.

Emergency Procedures: Flush eyes with water, get medical attention.

7.0 **Reactivity Data:**

Stability: Stable

Incompatibility: Strong acids, strong bases.

Hazardous decomposition products: Oxides of carbon, oxides of silicon.

Hazardous polymerization: Will not occur.

8.0 **Spill/ Leak Procedures:**

Steps for spillage: Dike area with sand. Ventilate area.

Waste disposal methods: Dispose in accordance with local, state and federal regulations.

9.0 **Personal Protection:**

Respiratory Protection: Not required.

Ventilation: Provide adequate ventilation.

Protective Gloves: Neoprene gloves.

Eye Protection: Safety goggles.

10.0 **Special Precautions:**

Handling & Storage Precautions: Store in a cool, dry place. Best to store at room temperature.