



POLYCAST INDUSTRIES, INC.  
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## MATERIAL SAFETY DATA SHEET

### Product Identification:

Product Name: **RTV 849 – Part A**  
Chemical Name: Silicone Rubber

### Effective Date:

**Wednesday, April 25, 2007**

### 1.0 General Information:

Supplier: **Polycast Industries Inc.**  
130 South 2<sup>nd</sup> 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>
Silicone Rubber Compound	Proprietary	100.0

### 3.0 Chemical & Physical Properties:

Boiling Range: N/A to N/A      Freezing Point: -85F      % Volatile Volume: N/A  
Vapor Pressure: N/A      Vapor Density: N/A      Specific Gravity: 2.2  
H2O Solubility: <0.1%      Evaporation: Slower than n-Butyl Acetate

### 4.0 Flammability & Explosive Properties:

Flash Point: > 200F, Open Cup

Flammability Classification

OSHA: Combustible Liquid, Class IIIB

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

## RTV 849 – Part A

### 5.0 **Toxicological Information:**

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