



POLYCAST INDUSTRIES, INC.  
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**MATERIAL SAFETY DATA SHEET**

**Product Identification:**

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

**Effective Date:**

**Thursday, April 26, 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>
Organopolysiloxane	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: 0.98  
 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

## 5.0 **Toxicological Information:**

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