

# MATERIAL SAFETY DATA SHEET

## Castaldo® Super High Strength™ Silicone Jewelry Molding Rubber

**Supplier's Name:** Romanoff  
**Address:** 9 Deforest St.  
Amityville, NY 11701  
**Telephone:** 631-842-2400  
**Fax:** 631-842-0028  
**Date Prepared:** February 16, 2000  
**Emergency ChemTrec:** 1-800-255-3924

<b>0</b>	FIRE HAZARD	<b>HAZARD KEY</b> 4 - SEVERE 3 - SERIOUS 2 - MODERATE 1 - SLIGHT 0 - MINIMAL
<b>1</b>	HEALTH HAZARD	
<b>0</b>	REACTIVITY	

### SECTION I - IDENTITY

**Common Name:** (Used on label)  
(Trade Name & Synonyms) CASTALDO® Super High Strength™ Silicone Molding Rubber  
**CAS NO.** N/A

**Chemical Name** Mixture  
**Chemical Family** VMQ  
**Formula** Rubber Compound (Mixture)

### SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous component(s) (chemical & common name(s)) \_\_\_ % Threshold Limit Value (units) \_\_\_

This mixture has not been evaluated as a whole. All ingredients are bound in a polymer matrix and potential for hazardous exposure as shipped is minimal. However, some fumes may be released upon heating or vulcanization and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respirator program, etc.) to protect his employees from exposure. (See Section 7 - Special Precautions).

The following ingredients are considered hazardous per OSHA 1910.1200. MSDS for each is attached:

4570930 VAROX DBPH IRRITANT

**NOTE:** If chemical is not specifically identified, it is considered proprietary.

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

#### (Fire & Explosion Data)

<b>Boiling Point:</b>	N/A	<b>Vapor Pressure (mm Hg):</b>	N/A
<b>Vapor Density ( Air = 1 ):</b>	Solid	<b>Melting Point:</b>	N/A
<b>Evaporation Rate ( _____ = 1 ):</b>	Solid	<b>Solubility In Water:</b>	Insoluble
<b>Specific Gravity ( H<sub>2</sub>O = 1 ):</b>	1.07	<b>Appearance &amp; Odor:</b>	Solid: Mild Odor
<b>Water Reactive:</b>	None known	<b>Flash Point:</b>	Unknown
<b>Flammable Limits in Air % by Volume:</b>	N/A	<b>Extinguisher Media:</b>	All common
<b>Auto-Ignition Temperature:</b>	Unknown		

**Special Fire Fighting Procedures:** Self-contained breathing apparatus should be worn to prevent inhalation of smoke and decomposition products.

## SECTION 4 - PHYSICAL HAZARDS

**Stability:** Stable  
**Conditions to avoid**  
**Incompatibility (Materials to Avoid):** None Known  
**Hazardous Decomposition Products:** Oxides of C, S;O<sub>2</sub>  
**Hazardous Polymerization:** Will Not Occur  
**Conditions to avoid:**

## SECTION 5 - HEALTH HAZARD DATA (See Section 2)

**THRESHOLD LIMIT VALUE:** Not Established

### SIGNS AND SYMPTOMS OF EXPOSURE:

1. Acute Overexposure None Known
2. Chronic Overexposure None Known

**Medical Conditions Generally Aggravated by Exposure:** None Known

### Chemical Listed As Carcinogen or Potential Carcinogen:

National Toxicology Program: No  
I.A.R.C. Monographs: No  
OSHA: No  
OSHA Permissible Exposure Limit: N/A  
ACGIH Threshold Limit Value: N/A  
Other Exposure Limit Used: N/A

### EMERGENCY FIRST AID PROCEDURES:

**Eye Contact:** Consult physician if irritation occurs.  
**Skin Contact:** Physical form should preclude any harmful effect from contact.  
**Inhalation:** Consult physician if respiratory irritation occurs.  
**Ingestion:** Consult physician

## SECTION 6 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection (Specify Type):** May be necessary if mechanical ventilation is insufficient.

**Ventilation:** Yes  
Local Exhaust Yes  
Mechanical (General) Yes

**Protective Gloves:** Yes

**Eye Protection:** No

**Other Protective Clothing or Equipment:** None

## SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

### Precautions to be Taken in Handling and Storage:

**CAUTION:** Nitrosamines - considered to be possible human carcinogens - may be formed during processing of rubber compounds. Mixing or contacting this products with nitrates or nitrites, as in salt bath curing, may produce hazardous levels of volatile nitrosamines. Avoid inhaling fumes from hot rubber processing - especially vulcanization.

**Steps to be Taken in Case Material is Released or Spilled:** Scoop or shovel material and return to original container. See Section Eight for applicable State and Federal regulations.

**Waste Disposal Methods:** Dispose of in accordance with all local, state and federal regulations.

## **SECTION 8 - REGULATORY INFORMATION**

The following ingredients of this mixture are reportable as listed under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1988 (SARA) and 40 CFR Part 372:

<b>Component</b>	<b>CAS NO.</b>	<b>%</b>
None		

The user must determine whether a report is required to EPA for any amount of this material disposed of or otherwise released into the environment.

**NOTICE:** This notification must remain attached to its accompanying MSDS. If the MSDS is copied or redistributed, a copy of this notification must also be attached.

## **HEALTH HAZARD INFORMATION**

### **MATERIAL #4571930:**

This material is an organic peroxide with potential for eye, skin or respiratory irritation on exposure to vulcanization fumes. Minimize breathing of fumes through adequate ventilation and or organic vapor respirator.

As with all rubber compounds, minimize employee exposure through the use of gloves and adequate ventilation.