

# Novagard Solutions™

## MATERIAL SAFETY DATA SHEET

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** RTV 600-170 (Part A)

**GENERIC DESCRIPTION:** Silicone rubber

**CHEMICAL IDENTIFICATION:** Organopolysiloxane mixture

**MANUFACTURED BY:** **Novagard Solutions™**  
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**REVISED:** 10-07-10

**PREPARED BY:** Brian Chambers

### SECTION 2 - HAZARDOUS COMPONENTS

COMPONENT	CAS No.	WT %	OSHA-PEL		ACGIH-TLV	
			TWA	STEL	TWA	STEL
Quartz	14808-60-7	40-70	NE	NE	NE	NE

### SECTION 3 - EFFECTS OF OVEREXPOSURE

#### Acute Effects

**Eye:** Direct contact may irritate slightly with redness and swelling

**Skin:** No significant irritation expected from a single short-term exposure

**Inhalation:** No significant irritation expected from a single short-term exposure

**Oral:** Low ingestion hazard under normal use conditions

**Carcinogens:** This product does not contain any ingredients listed by IARC, NTP or OSHA as chemical carcinogens.

**Teratogens:** None known

**Mutagens:** None known

**Reproductive Toxins:** None known

### SECTION 4 - FIRST AID MEASURES

**Eyes:** Flush with water for 15 minutes.

**Skin:** Wipe off and flush with water. Get medical attention if a reaction develops.

**Inhalation:** Remove to fresh air. Get medical attention if a reaction develops.

**Oral:** Get immediate medical attention if large amounts are swallowed.

### SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point:** >212F (Closed cup)

**Flammability Limits in Air:** Upper - Not Determined Lower - Not Determined

**Extinguishing Media:** Water, CO<sub>2</sub>, Dry Chemical, Foam.

**Special Fire Fighting Procedures:** None known

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### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Disposal of collected product, residues and cleanup materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations. Scrape up and contain for salvage or disposal. Wash all walking surfaces with detergent and water to reduce slipping hazard. Observe all personal and protection equipment recommendations described in Section 5 and 8. Local, state and federal reporting requirements may apply to spills or releases of this matter into the environment. See applicable regulatory compliance information in Section 15.

### SECTION 7 - HANDLING AND STORAGE

**Handling:** Store in a cool place. Keep away from heat and flame.  
**Storage :** Keep container closed and store away from water or moisture.

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Personal Protective Equipment for Routine Handling

**Eye Protection:** Use proper protection - safety glasses as a minimum  
**Skin Protection:** Wash after any contact. Chemical protective gloves are recommended  
**Respiratory Protection:** No respiratory protection required

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical form</b>	Black liquid	<b>Odor:</b>	None
<b>Specific Gravity @25°C:</b>	1.25	<b>Boiling Point (@ 760 mm Hg)</b>	Not applicable
<b>Freezing/melting point</b>	Not applicable	<b>Vapor pressure:</b>	Negligible
<b>Evaporation rate:</b>	Not applicable	<b>Volatile content:</b>	Not applicable
<b>Odor threshold</b>	Not determined	<b>Percent Volatile by volume:</b>	<8.0
<b>Solubility in water:</b>	< 1%	<b>Evaporation Rate</b>	
<b>Solubility in organic solvent:</b>	Toluene	<b>(butyl acetate =1):</b>	Not determined

### SECTION 10 - STABILITY AND REACTIVITY

**Chemical stability:** Stable  
**Hazardous polymerization:** Will not occur  
**Conditions to avoid:** None known  
**Materials to avoid:** Acids, bases and water  
**Hazardous thermal decomposition and combustion by-products:** Carbon monoxide, carbon dioxide, silicon dioxide, and formaldehyde

### SECTION 11 - TOXICOLOGICAL INFORMATION

This product and its components are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

### SECTION 12 - ECOLOGICAL INFORMATION

No evidence for biodegradation. No evidence for bioaccumulation.

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### SECTION 13 - DISPOSAL CONSIDERATIONS

Unused product is not a RCRA hazardous waste if discarded. Disposal must comply with Federal, State and Local disposal or discharge laws.

The information offered here is for the product as shipped. Use and /or alteration to the product such as mixing with other material may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

### SECTION 14 - TRANSPORTATION INFORMATION

DOT shipping name:	None	DOT hazard class	:	None
DOT labels:	None	UN/NA number:		None
Placards:	None	IATA:		None
IMO IMDG -code:	None			

### SECTION 15 - REGULATORY INFORMATION

#### TSCA Status:

All chemical substances found in this product comply with the Toxic Substances Control act Inventory reporting requirements

#### EPA SARA Title III Chemical Listings:

40 CFR 355 Section 302

Extremely Hazardous Substance List:       None found

Section 312 Hazard Class:	Acute:	No	Chronic:	No
	Fire:	No	Pressure:	No

40 CFR 372.65 Section 313

Toxic Chemical List:                       None

#### WHMIS Hazard class:

Not regulated

#### Hazard Rating System:

HMIS: Flammability 0, Reactivity 0, Health 0

NFAPA: Flammability 0, Reactivity 0, Health 0

**California Proposition 65:**           None

The information presented in this Material Safety Data Sheet relates only to the specific product designated herein, and no warranty, or guarantee, either expressed or implied is made regarding the performance and conditions of this product. This information is based upon information that Novagard believes to be true and accurate; however, it is the responsibility of each user to review this information within the specific context of their intended application.