

Novagard Solutions™

MATERIAL SAFETY DATA SHEET

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RTV 600-170 (Part B)

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
Poly(dimethyl siloxane) hydride terminated	70900-21-9	<10	NE	NE	NE	NE
Dimethyl, methylhydrogen siloxane	68037-59-2	<2.0	NE	NE	NE	NE
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.

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SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: >212F (Closed cup)
Flammability Limits in Air: Upper - Not Determined Lower - Not Determined
Extinguishing Media: Water, CO₂, Dry Chemical, Foam.
Special Fire Fighting Procedures: None known

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

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

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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.

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
	Reactive:	Yes

40 CFR 372.65 Section 313

Toxic Chemical List: None

WHMIS Hazard class:

Not regulated

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SECTION 15 - REGULATORY INFORMATION (continued)

Hazard Rating System:

HMIS: Flammability 1, Reactivity 0, Health 0

NFPA: Flammability 1, 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.