

Novagard Solutions®

SAFETY DATA SHEET

RTV 800 400 UV Cure Silicone Sealant

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 PRODUCT NAME:** Novagard RTV 800-400
- 1.2 GENERIC DESCRIPTION:** UV Cure Silicone Sealant
- 1.3 MANUFACTURED BY:** **Novagard Solutions®**
5109 Hamilton Avenue
Cleveland, OH 44114
216-881-8111
- 1.4 COMPANY WEB SITE:** www.novagard.com
- 1.5 EMERGENCY PHONE NUMBER:** CHEMTREC 800-424-9300 (24 hour)
- 1.6 EMAIL ADDRESS:** techsolutions@novagard.net

SECTION 2 – HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE

This product is not hazardous according to OSHA standards

This product is not hazardous according to Regulation (EC) No. 1272/2008

This product is not hazardous according to EU Directives 67/548/EEC or 1999/45/EC

2.2 LABELING ELEMENTS

No special packaging or labeling requirements necessary

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 ACCORDING TO EU DIRECTIVES 67/548/EEC AND 1999/45/EC AND (EC) 1272/2008

COMPONENT	CAS No.	WT %	EINECS/ELINCS NUMBER	REACH REGISTRATION
2-Hydroxy-2methyl-phenylpropanone	7473-98-5	<3.0%		
Silica, amorphous	68611-44-9		271-893-4	

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SECTION 4 - FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

- Eye:** Contact with the eyes may cause temporary irritation. Flush eyes with copious amounts of water for a minimum of 15 minutes. If chronic irritation develops contact a physician.
- Skin:** Contact with skin is not expected to cause irritation. Wash contacted areas with soap and water.
- Oral:** If ingested do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

- 5.1 EXTINGUISHING MEDIA** Water, CO₂, Dry Chemical, Foam.
- 5.2 SPECIAL FIRE FIGHTING PROCEDURES** None

HAZARDOUS DECOMPOSITION PRODUCTS

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300° F and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

5.3 SPECIAL PROTECTIVE EQUIPMENT/PROCEDURES:

A self-contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear proper protective equipment.

6.2 Environmental precautions:

Do not allow large quantities to enter drains or surface waters.

6.3 Methods and materials for containment and cleaning up:

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.

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SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS Keep container closed when not in use.

7.1 Advice on safe handling:

Avoid eye contact. General ventilation is recommended. Do not empty into drains.

7.2 Advice on storage:

Do not store with oxidizing agents.

7.3 Specific uses:

Refer to technical data sheet available on request.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Local exhaust: None needed General ventilation: None needed Eyewash stations: Recommended

8.2 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: Not required for properly ventilated areas. If high levels of vapor or mist should accumulate, use NIOSH approved respirator with organic vapor cartridge

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Flash Point:	>260 (C) >500 (F) (COC Method)	
Flammability Limits in Air	Upper - Not Determined	Lower - Not Determined
Physical form	Hazy paste	
Odor:	Odorless	
Specific Gravity @25°C:	1.02	
Boiling Point (@ 760 mm Hg)	Not applicable	
Freezing/melting point	Not applicable	
Vapor pressure:	Not applicable	
Evaporation rate:	Not applicable	
Volatile content:	Not applicable	
Odor threshold	Not applicable	
VOC (EPA method 24):	<25 gm/l	Percent Volatile by volume: <0.5%
Solubility in water:	< 1.0%	
Solubility in organic solvent:	Mineral spirits	

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SECTION 10 - STABILITY AND REACTIVITY

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

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 ACUTE TOXICITY

Acute oral LD 50 (rat)	>15,400 mg/kg (fluid component)
Acute dermal LD50 (rabbit)	>2,000 mg/kg (fluid component)
Acute inhalation LC 50 (mg/L)	None known
On Contact Eye:	May irritate eyes
On Contact with Skin:	May cause mild skin irritation
On Inhalation:	Not anticipated during industrial use
Oral:	Not anticipated during industrial use

11.2 CRONIC TOXICITY

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 12 - ECOLOGICAL INFORMATION

12.1 ECOTOXICITY EFFECTS

No adverse effects on aquatic organisms

12.2 PERSISTANCE AND DEGRADABILITY

Solid material that is insoluble in water. No adverse effects are predicted.

12.3 BIOACCUMULATION

No bioaccumulation potential

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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal method: Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14 - TRANSPORTATION INFORMATION

DOT shipping name:	Not Regulated	DOT hazard class:	Not Regulated
DOT labels:	None	UN/NA number:	None
Placards:	None	IATA:	Not Regulated
IMO IMDG -code:	NA		

European Class:

RID (OCTI):	NA
ADR (ECE):	NA
RAR(IATA):	NA

SECTION 15 - REGULATORY INFORMATION

15.1 INVENTORY STATUS

All chemical substances found in this product comply with the (TSCA) reporting requirements

All chemical components found in this product are listed, exempt or notified via EINECS (ELINCS)

AICS: All components listed, exempt or notified

DSL: All components listed, exempt or notified

15.2 EPA SARA Title III Chemical Listings:

40 CFR 355 Section 302 Extremely Hazardous Substance List:	None
Section 312, 311 Hazard Class:	None
40 CFR 372.65 Section 313 Toxic Chemical List:	None

WHMIS Hazard class:

Not regulated

Hazard Rating System:

HMIS: Flammability 0, Reactivity 0, Health 1
NFAPA: Flammability 0, Reactivity 0, Health 1

California Proposition 65: None

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SECTION 16 - OTHER INFORMATION

REVISED: 07-13-2016

This product safety data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labeling of dangerous substances and preparations. It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Novagard Solutions product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Novagard Solutions Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH Regulation.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Novagard Solutions shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Novagard Solutions supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Novagard Solutions supplier. Source of information: Internal data and publically available information