

SAFETY DATE SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Issue date 03-Jan-2017

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SECTION 1: Identification of the substance /mixture and of the company/undertaking

1.1. Product identifier

Product name

RTV silicone sealant(Gasket Maker)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation Category 3 - (H316)

2.2. Label elements

Symbols/Pictograms



Signal word

Warning

Hazard statements

H316-Causes mild skin irritation

Precautionary statements

P302+P352-IF ON SKIN:Wash with plenty of soap and water

P305+P351+P338-IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses.if present and easy to do.Continue rinsing.

P332+P313-IF skin irritation or rash occurs: Get medical advice/attention

P337+P313-IF eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Mixture

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dimethyl siloxanes	-	31692-79-2	40-45	Not classified
Calcium carbonate	207-439-9	471-34-1	20-35	Not classified
Limestone	-	1317-65-3	15-25	Not classified
Vinyl oximinosilane	218-747-8	2224-33-1	<5	Not classified
Stearic acid	200-313-4	57-11-4	<2	Skin Irrit. 3 H316

SECTION 4: First aid measures

Ingestion:

Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation:

Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

Skin Contact:

Wipe off material with paper towel or cloth. Wash off with soap and water. If skin irritation persists, call a physician.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

SECTION 5: Firefighting measures

Flash Point °F(C°):

>200°F TCC

Recommended Extinguishing Media:

Carbon Dioxide, Dry Chemicals, Foam.

Special Fire-Fighting Procedures:

Water spray may be ineffective on flames but should be used to keep fireexposed containers cool.

Hazardous Products of Combustion:

Oxides of carbon, Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Silica fume, Formaldehyde

Unusual Fire/Explosion Hazards:	None.
Lower Explosive Limit:	Not determined
Upper Explosive Limit:	Not determined

SECTION 6: Accidental release measures

Spill Procedures:	Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a wellventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.
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SECTION 7: Handling and storage

Storage:	Keep containers tightly closed in a cool, well-ventilated place. Store away from water or moisture.
Handling:	Avoid contact with skin and eyes. Do not wear contact lenses. Wash hands before eating and smoking.
Product may cause surfaces to become slippery.	

SECTION 8: Exposure controls/personal protection

Eyes:	Safety glasses.
Skin:	Neoprene or nitrile gloves recommended.
Ventilation:	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during use of this product.
Respiratory Protection:	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

SECTION 9: Physical and chemical properties

Appearance:	Paste
Color:	Grey , black, white, clear
Special Gravity:	0.95~1.05
Melting point:	Not determined
Boiling point:	Not determined
Flash point:	Not determined

Explosive limits:	Not determined
Vapor Density:	1.04
Solubility in water:	Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

Eye Contact:	No Data Available
Subchronic effects:	No Data available
Carcinogenicity, tertogenicity and mutagenicity:	No data available.
Other chronic effects:	None Known.

Component	Oral LD50(rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
Dimethyl siloxanes 31692-79-2	22 g/kg (Rat)	> 20 g/kg (Rabbit) > 20 mL/kg (Rabbit)	171 mg/L (rat)
Calcium carbonate 471-34-1	10250 mg/kg (rat, carbomer 910) 4100 mg/kg (rat)	3 g/kg (rat, carbomer 910)	
Stearic acid 57-11-4	= 3310 mg/kg (Rat)	= 1060 mg/kg (Rabbit)	= 114 mg/L (Rat) 4 h

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

14.1. UN number

Not regulated

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.7. Special precautions for user

Not regulated

14.6. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not regulated

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixtureEuropean Union

Component	EINECS/ELINCS	SVHC candidates	RESTRICTIONS - REACH TITLE VIII
Dimethyl siloxanes 31692-79-2	x	-	-
Calcium carbonate 471-34-1	x	-	-
Vinyl oximinosilane 2224-33-1	x	-	-
Stearic acid 57-11-4	x	-	-

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International inventories

Component	TSCA	DSL/NDSL	ENCS	IECSC	KECL	PICCS	AICS
Dimethyl siloxanes 31692-79-2	x	x	x	x	x	x	x
Calcium carbonate 471-34-1	x	x	x	x	x	x	x
Vinyl oximinasilane 2224-33-1	x	x	x	x	x	x	x
Stearic acid 57-11-4	x	x	x	x	x	x	x

"-" Not Listed

"X" Listed

SECTION 16: Other information

Material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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Revision note	Not applicable

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