

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by
Regulation(EU) No. 2020/878

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

1.1 Product identifier

Product name: RTV 630

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Silicone Elastomer (B)

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information : Momentive Performance Materials GmbH
Chempark Leverkusen Gebaeude V7
DE - 51368 Leverkusen
Germany

Contact person : commercial.services@momentive.com

Telephone : General information
+390510924300 (Customer Service Centre)

1.4

Emergency telephone number : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44
(0) 1235239671

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Health Hazards

Toxic to reproduction

Category 1B

H360F: May damage fertility.

2.2 Label Elements

Contains:

Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl-



Signal Words:

Danger

RTV 630

Hazard Statement(s): H360F: May damage fertility.

Precautionary Statements

Prevention: P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P308+P313: IF exposed or concerned: Get medical advice/attention.

Storage: P405: Store locked up.

Disposal: P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Unknown toxicity - Health

Acute toxicity, oral 0 %
 Acute toxicity, dermal 0 %
 Acute toxicity, inhalation, vapor 0 %
 Acute toxicity, inhalation, dust or mist 0 %

Additional Information: No data available.

2.3 Other hazards

Endocrine disrupting properties-Toxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties-ecotoxicity

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Chemical nature: Preparation containing Methylhydrogen polysiloxane.

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl-	1 - <3%	2554-06-5	219-863-1	01-2119970222-44-XXXX	Not applicable	
Toluene	0,1 - <1%	108-88-3	203-625-9	01-	Not	#

RTV 630

				2119471310-51-XXXX	applicable	
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* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Classification	Notes
Cyclotetrasiloxane, 2,4,6,8-tetraethenyl-2,4,6,8-tetramethyl-	Repr.: 1B: H360Fd; No data available.	
Toluene	Flam. Liq.: 2: H225; Repr.: 2: H361d; Asp. Tox.: 1: H304; STOT RE: 2: H373; Skin Corr.: 2: H315; STOT SE: 3: H336; Aquatic Chronic: 3: H412; No data available.	No data available. No data available.

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: Pay attention to self protection and immediately call for a doctor.

4.1 Description of first aid measures

Inhalation: None known.

Eye contact: Rinse the eye with water immediately. If eye irritation persists: Get medical advice/attention.

Skin Contact: After contact with skin, remove product mechanically. Wash area with soap and water.

Ingestion: Do NOT induce vomiting. Rinse mouth. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: There is no specific antidote. Treat symptomatically

SECTION 5: Firefighting measures

General Fire Hazards: Use standard firefighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide Foam. Water spray

Unsuitable extinguishing media: Do not use water jet.

RTV 630

- 5.2 Special hazards arising from the substance or mixture:** This product may generate the flammable gas (hydrogen) when exposed to acidic or basic water and will intensify the fire, or possibly explode if confined in a container.
- 5.3 Advice for firefighters**
Special fire-fighting procedures: Take precautionary measures against static discharges. All equipment used when handling the product must be grounded.
- Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Caution: Contaminated surfaces may be slippery.
- 6.2 Environmental Precautions:** Prevent runoff from entering drains, sewers, or streams.
- 6.3 Methods and material for containment and cleaning up:** Collect spillage with granulates, sawdust, rags or other absorbent. Shovel up and place in a container for salvage or disposal. Flush away spillage with plenty of water.
- 6.4 Reference to other sections:** Remove sources of ignition.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** See Section 8 of the SDS for Personal Protective Equipment. Pack only into unbreakable packing materials (no glass containers !) to avoid contact with substances mentioned in Section 10.
- Storage conditions:** No data available.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a cool, well-ventilated place. Use original container or packaging of similar material of construction
- Storage Stability:** Material is stable under normal conditions.
- 7.3 Specific end use(s):** No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters
Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Toluene	TWA	50 ppm 192 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	STEL	100 ppm 384 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	STEL	100 ppm 384 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	TWA	50 ppm 192 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)

RTV 630

Biological Limit Values

None.

8.2 Exposure controls

Appropriate Engineering Controls: Eyewash bottle with clean water.

Individual protection measures, such as personal protective equipment

General information: No data available.

Eye/face protection: Safety glasses with side-shields conforming to EN166

Skin protection

Hand Protection: Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Other: No data available.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures: Avoid contact with eyes, skin, and clothing. Wear suitable gloves and eye/face protection. Wash hands after handling. When using do not eat, drink or smoke.

Environmental exposure controls: No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	Blue
Odor:	Faint
Odor Threshold:	No data available.
pH:	Not applicable
Freezing point:	No data available.
Boiling Point:	> 300 °C
Flash Point:	> 100 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Relative vapor density:	No data available.
Density:	ca. 1,02 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	Soluble in toluene
Partition coefficient (n-octanol/water) Log Pow:	No data available.

RTV 630

Autoignition Temperature:	No data available.
Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

VOC Content:	5 g/l
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SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	No data available.
10.3 Possibility of hazardous reactions:	No data available.
10.4 Conditions to avoid:	Heat, sparks, flames.
10.5 Incompatible Materials:	Evolves hydrogen on contact with acids, alkalis, alcohols, powdered metals or, as the case may be, metal oxides.
10.6 Hazardous Decomposition Products:	Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
Cyclotetrasiloxane,	LD 50 (Rat): > 5.000 mg/kg
2,4,6,8-tetraethenyl-	
2,4,6,8-tetramethyl-	
Toluene	LD 50 (Rat): > 5.000 mg/kg

Dermal

Product:	Not classified for acute toxicity based on available data.
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RTV 630

<p>Specified substance(s) Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene</p>	<p>No data available.</p> <p>LD 50 (Rabbit): 12.124 mg/kg</p>
<p>Inhalation</p>	
<p>Product:</p>	<p>Not classified for acute toxicity based on available data.</p>
<p>Specified substance(s) Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene</p>	<p>No data available.</p> <p>LC50 (Rat, 4,00 h): 30,6 mg/l</p>
<p>Repeated dose toxicity</p>	
<p>Product:</p>	<p>No data available.</p>
<p>Specified substance(s) Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene</p>	<p>No data available.</p> <p>No data available.</p> <p>No data available.</p>
<p>Skin Corrosion/Irritation:</p>	
<p>Product:</p>	<p>No data available.</p>
<p>Specified substance(s) Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene</p>	<p>No data available. (Rabbit): No skin irritation</p> <p>No data available.</p>
<p>Serious Eye Damage/Eye Irritation:</p>	
<p>Product:</p>	<p>No data available.</p>
<p>Specified substance(s) Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene</p>	<p>No data available. (Rabbit): slightly irritating (not classified according to the German Dangerous Substances legislation)</p> <p>No data available.</p>
<p>Respiratory or Skin Sensitization:</p>	
<p>Product:</p>	<p>No data available.</p>
<p>Specified substance(s) Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl- Toluene</p>	<p>No data available.</p> <p>No data available.</p>
<p>Germ Cell Mutagenicity</p>	
<p>In vitro</p>	
<p>Product:</p>	<p>No data available.</p>
<p>Specified substance(s) Cyclotetrasiloxane, 2,4,6,8-tetraethenyl- 2,4,6,8-tetramethyl-</p>	<p>No data available.</p>

RTV 630

Toluene No data available.

In vivo

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

11.2 Information on other hazards

Endocrine disrupting properties

RTV 630

Product:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.;
Components:	
Cyclotetrasiloxane,	No data available.
2,4,6,8-tetraethenyl-	
2,4,6,8-tetramethyl-	
Toluene	No data available.
Other effects:	No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene

LC0 (Leuciscus idus, 48 h): 52 mg/l
 LC50 (Leuciscus idus, 48 h): 70 mg/l
 LC50 (Pimephales promelas, 96 h): 34 mg/l

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene

LC0 (Daphnia magna): 93 mg/l
 (Daphnia magna): 270 mg/l

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene

No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.
 2,4,6,8-tetraethenyl-
 2,4,6,8-tetramethyl-
 Toluene

No data available.

Toxicity to Aquatic Plants

RTV 630

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

12.4 Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Cyclotetrasiloxane, 2,4,6,8- No data available.

tetraethenyl-2,4,6,8-

tetramethyl-

Toluene No data available.

12.5 Results of PBT and vPvB assessment: No data available.

Cyclotetrasiloxane, 2,4,6,8- No data available.

tetraethenyl-2,4,6,8-tetramethyl-

Toluene No data available.

12.6 Endocrine disrupting properties:

Product: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Components:

Cyclotetrasiloxane, No data available.

2,4,6,8-tetraethenyl-

2,4,6,8-tetramethyl-

Toluene No data available.

RTV 630

12.7 Other adverse effects:

Other hazards

Product: No data available.

Additional Information: Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground. The generation of waste should be avoided or minimized wherever possible.

Disposal methods: No data available.

SECTION 14: Transport information

ADR

Not regulated.

ADN

Not regulated.

RID

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

14.6 Special precautions for user: Protect from moisture. Keep away from food, foodstuff, acids and bases. This product is not prohibited for air shipment by national or international regulations on the transport of dangerous goods. However, as a result of the potential formation of hydrogen gas under certain conditions, Momentive Performance Materials recommends that this product should be shipped using a mode of transportation other than air (IATA-C, IATA-P).

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code :

Not applicable

SECTION 15: Regulatory information

RTV 630

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: none

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: none

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:

Classification	Lower-tier Requirements	Upper-tier Requirements
E1. Hazardous to the aquatic environment		
P5b. Flammable liquids	50 t	200 t
P5c. Flammable liquids	5.000 t	50.000 t
P5a. Flammable liquids	10 t	50 t

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

Chemical name	CAS-No.	Concentration
Toluene	108-88-3	0,1 - 1,0%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:

On or in compliance with the inventory

Remarks: None.

RTV 630

Canada DSL Inventory List:	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: Commercial Status: Active
REACH:	If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.	Remarks: None.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3

H225	Highly flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H360F	May damage fertility.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Training information: No data available.

Issue Date: 30.05.2023

RTV 630

Disclaimer:

Notice to reader

Unless otherwise specified in section 1.2, Momentive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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