

RTV627

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830

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

1.1 Product identifier

Product name: RTV627

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

Identified uses: Silicone Elastomer (A)

Uses advised against: Not 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 : MomentiveEMEA.productsteward@momentive.com

Telephone : General information
00800.4321.1000 (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

Specific Target Organ Toxicity - Repeated Exposure Category 2 H373: May cause damage to organs through prolonged or repeated exposure.

2.2 Label Elements

Contains: QUARTZ



Signal Words: Warning

Hazard Statement(s): H373: May cause damage to organs through prolonged or repeated exposure.

Target Organs:
Lung

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Precautionary Statement

Prevention: P260: Do not breathe dust/fume/gas/mist/vapors/spray.

Disposal: P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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: This product is a mixture containing polymer compounds and hazardous substances as listed in section 3. The relevant hazardous classification according to CLP Directive 1272/2008 is stated in section 2 of this SDS. Although the preparation is classified as a hazardous preparation it does not present a danger to human health by inhalation, ingestion or contact with the skin or to aquatic environment in the form in which it is placed on the market. According to Annex I No. 1.3.4.1 of the Directive 1272/2008 such preparations do not require a label.

2.3 Other hazards No data available.

SECTION 3: Composition/information on ingredients

Chemical nature: Polydimethylsiloxane containing vinyl groups, with Platinum catalyst and fillers.

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
QUARTZ	20 - <50%	14808-60-7	238-878-4	Exempt	No data available.	#
Octamethylcyc lotetrasiloxane	0,1 - <1%	556-67-2	209-136-7	01-2119529238-36-0001	No data available.	

* 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.

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Classification

Chemical name	Classification	Notes
QUARTZ	STOT RE: 2: H373	
Octamethylcyclotetrasiloxane	Flam. Liq.: 3: H226 Repr.: 2: H361fAquatic Chronic: 4: H413	No data available.

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur.

4.1 Description of first aid measures

Inhalation: Move to fresh air. Get medical attention if any discomfort continues.

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

Skin Contact: Important to remove the substance from the skin immediately. Wash area with soap and water.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. 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: No data available.

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: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

5.2 Special hazards arising from the substance or mixture: No data available.

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.

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Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective clothing. Use standard firefighting procedures and consider the hazards of other involved materials.

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. Caution: Contaminated surfaces may be slippery.
- 6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Wear appropriate personal protective equipment.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep away from water, acids, alkalis, amines and alcohols. Keep away from food, drink and animal feeding stuffs. Keep container tightly closed and in a well-ventilated place.
- 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
QUARTZ - Respirable.	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Carbon Black	STEL	7 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	TWA	3,5 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)

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: Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after handling. Avoid contact with skin and eyes.

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

Skin protection

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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:	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
Hygiene measures:	Avoid contact with eyes, skin, and clothing. Wear suitable gloves and eye/face protection. Observe good industrial hygiene practices. 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:	Black
Odor:	Faint
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	> 260 °C (1,013 hPa) (No data available.)
Flash Point:	> 204 °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:	Negligible
Vapor density (air=1):	1,0
Density:	ca. 1,4 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	Material is stable under normal conditions.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

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10.1 Reactivity:	No data available.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
10.4 Conditions to avoid:	Heat, sparks, flames.
10.5 Incompatible Materials:	Strong Acids, Strong Bases
10.6 Hazardous Decomposition Products:	carbon monoxidecarbon dioxideMeasurements 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

General information: Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.

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)	
QUARTZ	No data available.
Octamethylcyclotetrasiloxane	LD 50 (Rat): 4.800 mg/kg LD 50 (Mouse): 1.700 mg/kg

Dermal

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
QUARTZ	No data available.
Octamethylcyclotetrasiloxane	LD 50 (Rat): 2.400 mg/kg

Inhalation

Product:	Not classified for acute toxicity based on available data.
Specified substance(s)	
QUARTZ	No data available.
Octamethylcyclotetrasiloxane	LC50 (Rat, 4 h): 12,1 mg/l LC50 (Rat, 4 h): 36 mg/l

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Repeated dose toxicity

Product: No data available.
Specified substance(s)
QUARTZ No data available.
Octamethylcyclotetrasiloxane NOAEL (Rat(male and female), Inhalation - vapor(vapour)): 150 mg/kg
NOAEL (Rabbit(male and female), Dermal): 950 mg/kg LOAEL (Rabbit(male and female), Dermal): 950 mg/kg

Skin Corrosion/Irritation:

Product: No data available.
Specified substance(s)
QUARTZ No data available.
Octamethylcyclotetrasiloxane OECD-Guideline 404 (Acute Dermal Irritation/Corrosion) (Rat): No skin irritation

Serious Eye Damage/Eye Irritation:

Product: No data available.
Specified substance(s)
QUARTZ No data available.
Octamethylcyclotetrasiloxane OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Not irritating

Respiratory or Skin Sensitization:

Product: No data available.
Specified substance(s)
QUARTZ No data available.
Octamethylcyclotetrasiloxane , OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig)Not sensitizing

Germ Cell Mutagenicity

In vitro

Product: No data available.
Specified substance(s)
QUARTZ No data available.
Octamethylcyclotetrasiloxane Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic)
Mouse Lymphoma Assay (OECD Guidline 476): negative (not mutagenic)

In vivo

Product: No data available.
Specified substance(s)
QUARTZ No data available.
Octamethylcyclotetrasiloxane Chromosomal aberration (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Inhalation (Rat, male and female): negative
Dominant lethal assay (OECD 478) Oral (Rat, male and female): negative

Carcinogenicity

Product: No data available.
Specified substance(s)
QUARTZ No data available.

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Octamethylcyclotetrasiloxane No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

QUARTZ No data available.
Octamethylcyclotetrasiloxane No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

QUARTZ No data available.
Octamethylcyclotetrasiloxane No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

QUARTZ No data available.
Octamethylcyclotetrasiloxane No data available.

Target Organs:

QUARTZ Lungs

Target Organs:

Lung

Aspiration Hazard

Product: No data available.

Specified substance(s)

QUARTZ No data available.
Octamethylcyclotetrasiloxane No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

QUARTZ No data available.
Octamethylcyclotetrasiloxane No data available.

Aquatic Invertebrates

Product: No data available.

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Specified substance(s)

QUARTZ No data available.
 Octamethylcyclotetrasiloxane No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

QUARTZ No data available.
 Octamethylcyclotetrasiloxane No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

QUARTZ No data available.
 Octamethylcyclotetrasiloxane No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

QUARTZ No data available.
 Octamethylcyclotetrasiloxane No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

QUARTZ No data available.
 Octamethylcyclotetrasiloxane (29 d, 310 Ready Biodegradability - CO₂ in Sealed Vessels (Headspace Test)): 3,7 % Persistent Not readily biodegradable.

BOD/COD Ratio

Product No data available.

Specified substance(s)

QUARTZ No data available.
 Octamethylcyclotetrasiloxane No data available.

12.3 Bioaccumulative Potential

Product: No data available.

Specified substance(s)

QUARTZ No data available.
 Octamethylcyclotetrasiloxane Fathead Minnow, Bioconcentration Factor (BCF): 12,40

12.4 Mobility in Soil:

No data available.

Known or predicted distribution to environmental compartments

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QUARTZ No data available.
Octamethylcyclotetrasiloxane No data available.

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

QUARTZ No data available.
Octamethylcyclotetrasiloxane No data available.

12.6 Other Adverse Effects: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: No data available.

Disposal methods: Can be incinerated when in compliance with local regulations.

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: Keep away from food, foodstuff, acids and bases. This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

not applicable

SECTION 15: Regulatory information

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

EU Regulations

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Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 689/2008 Import and export of dangerous chemicals: none

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

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use: none

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.: none

Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances: none

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

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

Chemical name	CAS-No.	Concentration
Octamethylcyclotetrasiloxane	556-67-2	0,1 - 1,0%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

- Australia AICS: y (positive listing)
- EU EINECS List: y (positive listing)
- Japan (ENCS) List: y (positive listing)
- China Inventory of Existing Chemical Substances: y (positive listing)
- Korea Existing Chemicals Inv. (KECI): y (positive listing)
- Canada DSL Inventory List: y (positive listing)
- Canada NDSL Inventory: n (Negative listing)
- Philippines PICCS: y (positive listing)
- US TSCA Inventory: y (positive listing)
- Taiwan. Taiwan inventory (CSNN): y (positive listing)

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

- H226 Flammable liquid and vapor.
- H361f Suspected of damaging fertility.
- H373 May cause damage to organs through prolonged or repeated

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H413 exposure.
May cause long lasting harmful effects to aquatic life.

Training information: No data available.

Issue Date: 04.07.2016

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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SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830

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

1.1 Product identifier

Product name: RTV627

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

Identified uses: Silicone Elastomer (B)

Uses advised against: Not 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 : MomentiveEMEA.productsteward@momentive.com

Telephone : General information
00800.4321.1000 (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

Specific Target Organ Toxicity - Repeated Exposure Category 2 H373: May cause damage to organs through prolonged or repeated exposure.

2.2 Label Elements

Contains: QUARTZ



Signal Words: Warning

Hazard Statement(s): H373: May cause damage to organs through prolonged or repeated exposure.

Target Organs:
Lung

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Precautionary Statement

Prevention: P260: Do not breathe dust/fume/gas/mist/vapors/spray.

Disposal: P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Unknown toxicity - Health

Acute toxicity, oral	0,34 %
Acute toxicity, dermal	0,34 %
Acute toxicity, inhalation, vapor	0,34 %
Acute toxicity, inhalation, dust or mist	0,34 %

Additional Information: This product is a mixture containing polymer compounds and hazardous substances as listed in section 3. The relevant hazardous classification according to CLP Directive 1272/2008 is stated in section 2 of this SDS. Although the preparation is classified as a hazardous preparation it does not present a danger to human health by inhalation, ingestion or contact with the skin or to aquatic environment in the form in which it is placed on the market. According to Annex I No. 1.3.4.1 of the Directive 1272/2008 such preparations do not require a label.

2.3 Other hazards No data available.

SECTION 3: Composition/information on ingredients

Chemical nature: Polydimethylsiloxane containing vinyl groups, fillers and a cross-linker.

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
QUARTZ	20 - <50%	14808-60-7	238-878-4	Exempt	No data available.	#

* 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
QUARTZ	STOT RE: 2: H373	

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CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur.

4.1 Description of first aid measures

Inhalation: Move to fresh air. Get medical attention if any discomfort continues.

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

Skin Contact: Important to remove the substance from the skin immediately. Wash area with soap and water.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. 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: No data available.

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: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

5.2 Special hazards arising from the substance or mixture: No data available.

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. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Caution: Contaminated surfaces may be slippery.

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- 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. Caution: Contaminated surfaces may be slippery.
- 6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Wear appropriate personal protective equipment. Pack only into unbreakable packing materials (no glass containers !) to avoid contact with substances mentioned in Section 10.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep away from water, acids, alkalis, amines and alcohols. Keep away from food, drink and animal feeding stuffs. Keep container tightly closed and in a well-ventilated place.
- 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
QUARTZ - Respirable.	TWA	0,1 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)

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: Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after handling. Avoid contact with skin and eyes.

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: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

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

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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:	Off-white
Odor:	Faint
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	> 260 °C (1,013 hPa)
Flash Point:	> 121 °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:	Negligible
Vapor density (air=1):	1,0
Density:	ca. 1,4 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	Material is stable under normal conditions.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
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.

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10.6 Hazardous Decomposition Products: carbon monoxidecarbon dioxideMeasurements 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

General information: Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.

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)
QUARTZ No data available.

Dermal

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

Specified substance(s)
QUARTZ No data available.

Inhalation

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

Specified substance(s)
QUARTZ No data available.

Repeated dose toxicity

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Serious Eye Damage/Eye Irritation:

Product: No data available.

Specified substance(s)
QUARTZ No data available.

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Respiratory or Skin Sensitization:

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)
QUARTZ No data available.

In vivo

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)
QUARTZ No data available.

Target Organs:
QUARTZ Lungs

Target Organs:
Lung

Aspiration Hazard

Product: No data available.

Specified substance(s)
QUARTZ No data available.

SECTION 12: Ecological information

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12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

QUARTZ No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

QUARTZ No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

QUARTZ No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

QUARTZ No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

QUARTZ No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

QUARTZ No data available.

BOD/COD Ratio

Product: No data available.

Specified substance(s)

QUARTZ No data available.

12.3 Bioaccumulative Potential

Product: No data available.

Specified substance(s)

QUARTZ No data available.

12.4 Mobility in Soil:

Known or predicted distribution to environmental compartments

No data available.

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QUARTZ No data available.

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

QUARTZ No data available.

12.6 Other Adverse Effects: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: No data available.

Disposal methods: Can be incinerated when in compliance with local regulations.

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: Keep away from food, foodstuff, acids and bases. This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

not applicable

SECTION 15: Regulatory information

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

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

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Regulation (EC) No. 689/2008 Import and export of dangerous chemicals: none

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

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use: none

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.: none

Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances: none

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work: none

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:	y (positive listing)
EU EINECS List:	y (positive listing)
Japan (ENCS) List:	y (positive listing)
China Inventory of Existing Chemical Substances:	y (positive listing)
Korea Existing Chemicals Inv. (KECI):	y (positive listing)
Canada DSL Inventory List:	y (positive listing)
Canada NDSL Inventory:	n (Negative listing)
Philippines PICCS:	y (positive listing)
US TSCA Inventory:	y (positive listing)
Taiwan. Taiwan inventory (CSNN):	y (positive listing)

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

H373 May cause damage to organs through prolonged or repeated exposure.

Training information: No data available.

Issue Date: 04.07.2016

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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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