

RTV664

# 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:** RTV664

### 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

**RTV664**

**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.	#

\* 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	

**RTV664**

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:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms persist.

**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:** Do NOT induce vomiting. If conscious, drink plenty of water. Get medical attention if symptoms persist.

**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:**

In case of fire, carbon monoxide and carbon dioxide may be formed. Use water spray to keep fire-exposed containers cool.

**5.3 Advice for firefighters**

**Special fire fighting procedures:** When using do not smoke. Keep away from sources of ignition - No smoking.

**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**

**RTV664**

- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Caution: Contaminated surfaces may be slippery.
- 6.2 Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.
- 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:** Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Wash hands after handling.
- 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)
Calcium Carbonate - Respirable.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Calcium Carbonate - Inhalable	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Calcium Carbonate - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Calcium Carbonate - Respirable dust.	TWA	4 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.

**RTV664**

<b>Other:</b>	No data available.
<b>Respiratory Protection:</b>	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
<b>Hygiene measures:</b>	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.
<b>Environmental exposure controls:</b>	No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	> 260 °C (1.013 hPa)
<b>Flash Point:</b>	> 204 °C (Closed Cup)
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density (air=1):</b>	1,0
<b>Density:</b>	1,28 g/cm <sup>3</sup> (20 °C)
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	Material is stable under normal conditions.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity:</b>	No data available.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.

**RTV664**

<b>10.3 Possibility of hazardous reactions:</b>	Hazardous polymerisation does not occur.
<b>10.4 Conditions to avoid:</b>	Heat, sparks, flames.
<b>10.5 Incompatible Materials:</b>	Strong Acids, Strong Bases
<b>10.6 Hazardous Decomposition Products:</b>	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.

**RTV664**

**Serious Eye Damage/Eye Irritation:**

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

**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**

**RTV664**

**Product:** No data available.

**Specified substance(s)**  
QUARTZ No data available.

**SECTION 12: Ecological information**

**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.



**RTV664**

**Specified substance(s)**

QUARTZ No data available.

**12.4 Mobility in Soil:**

No data available.

**Known or predicted distribution to environmental compartments**

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:**

**RTV664**

**EU Regulations**

**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:** none

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

**Inventory Status**

Australia AICS:	y (positive listing)
Canada DSL Inventory List:	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 NDSL Inventory:	n (Negative listing)
Philippines PICCS:	y (positive listing)
US TSCA Inventory:	y (positive listing)
New Zealand Inventory of Chemicals:	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

---

**RTV664**

exposure.

**Training information:** No data available.

**Issue Date:** 18.07.2016

**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.

®, \*, and TM indicate trademarks owned by or licensed to Momentive.

RTV664

# 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: RTV664

### 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 not been classified as hazardous according to the legislation in force.

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

Not classified

**2.2 Label Elements** not applicable

#### Supplemental label information

**Additional Information:** EUH210: Safety data sheet available on request.  
No data available.

**2.3 Other hazards** No data available.

## SECTION 3: Composition/information on ingredients

**Chemical nature:** Polydimethylsiloxane with filler and coloured pigment.

### 3.2 Mixtures

**General information:** No hazardous ingredients.

## 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 symptoms occur.

**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:** 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. Use water spray to keep fire-exposed containers cool.

### 5.1 Extinguishing media

**Suitable extinguishing media:** Extinguish with foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media:** Water.

### 5.2 Special hazards arising from the substance or mixture:

In case of fire, carbon monoxide and carbon dioxide may be formed. Contact with water liberates flammable gas. Use water spray to keep fire-exposed containers cool.

### 5.3 Advice for firefighters

**Special fire fighting procedures:** Product may charge electrostatically during pouring or filling. Keep away from sources of ignition - No smoking. Use only in well-ventilated areas. Move container from fire area if it can be done without risk. Static electricity and formation of sparks must be prevented.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective clothing. Do not get water inside container or in contact with the material. Avoid water in straight hose stream; will scatter and spread fire.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Caution: Contaminated surfaces may be slippery. Use personal protective equipment.

**RTV664**

- 6.2 Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.
- 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:** Prevent runoff from entering drains, sewers, or streams.

**SECTION 7: Handling and storage:**

- 7.1 Precautions for safe handling:** Product may charge electrostatically during pouring or filling. Pack only into unbreakable packing materials (no glass containers !) to avoid contact with substances mentioned in Section 10. Wear appropriate personal protective equipment.
- Storage conditions:** Keep away from sources of ignition - No smoking. Store in original container.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep container tightly closed and in a well-ventilated place. Keep away from water, acids, alkalis, amines and alcohols.
- Storage Stability:** No data available.
- 7.3 Specific end use(s):** No data available.

**SECTION 8: Exposure controls/personal protection**

- 8.1 Control Parameters**  
**Occupational Exposure Limits** None of the components have assigned exposure limits.
- 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.
- 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. Wash hands after handling. When using do not eat, drink or smoke.

**RTV664**

**Environmental exposure controls:** No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Dark blue
<b>Odor:</b>	Faint
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	not applicable
<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	260 °C (1,013 hPa) (No data available.)
<b>Flash Point:</b>	ca. 71,00 °C (Closed Cup)
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	ca. 1,05 g/cm <sup>3</sup>
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	Insoluble
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	Material is stable under normal conditions.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity:</b>	No data available.
<b>10.2 Chemical Stability:</b>	No data available.
<b>10.3 Possibility of hazardous reactions:</b>	Product generates flammable gas on contact with acids, bases or oxidizing substances.
<b>10.4 Conditions to avoid:</b>	Avoid contact with acids and oxidizing substances.
<b>10.5 Incompatible Materials:</b>	Strong Acids, Strong Bases Oxidizing agents.

**RTV664**

**10.6 Hazardous Decomposition Products:** Evolves hydrogen on contact with acids, alkalis, alcohols, powdered metals or, as the case may be, metal oxides. Hydrogen; Danger of formation of explosive hydrogen/air mixtures. Carbon oxides Oxides of silicon. 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**

**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:** No data available.

**Specified substance(s)**

**Dermal**

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

**Specified substance(s)**

**Inhalation**

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

**Specified substance(s)**

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s)**

**Skin Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**

**Serious Eye Damage/Eye Irritation:**

**Product:** (Rabbit): No eye irritation

**Specified substance(s)**

**Respiratory or Skin**

**Sensitization:**

**Product:** Magnusson-Kligmann (Guinea Pig): In tests with guinea-pigs, the product did not show a sensitising effect (OECD 406; GPMT according to Magnusson-Kligman).

**Specified substance(s)**

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.



**RTV664**

**In vivo**  
**Product:** No data available.

**Carcinogenicity**  
**Product:** No data available.

**Reproductive toxicity**  
**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.

**Aspiration Hazard**  
**Product:** No data available.

**Other effects:** No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Fish**  
**Product:** No data available.

**Aquatic Invertebrates**  
**Product:** No data available.

**Chronic Toxicity**

**Fish**  
**Product:** No data available.

**Aquatic Invertebrates**  
**Product:** No data available.

**Toxicity to Aquatic Plants**  
**Product:** No data available.

**12.2 Persistence and Degradability**

**Biodegradation**  
**Product:** No data available.

**RTV664**

**BOD/COD Ratio Product** No data available.

**12.3 Bioaccumulative potential Product:** No data available.

**12.4 Mobility in soil: Known or predicted distribution to environmental compartments** No data available.

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

**12.6 Other adverse effects:** No data available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

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

**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, drink and animal feeding stuffs. 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:**

RTV664

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

**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

**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%

**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
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:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	n (Negative listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: On TSCA Inventory
Taiwan. Taiwan inventory (CSNN):	y (positive listing)	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:** none

**Training information:** No data available.

**Issue Date:** 27.02.2018

**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.

®, \*, and TM indicate trademarks owned by or licensed to Momentive.