

RTV142-C

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** RTV142-C

**Other means of identification**

**Synonyms:** SILICONE SEALANT

**Recommended use and restriction on use**

**Recommended use:** Silicone Elastomer

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials USA LLC  
2750 Balltown Road,  
Niskayuna, NY 12309

**Contact person** : commercial.services@momentive.com

**Telephone** : General information  
+1-800-295-2392

**Emergency telephone number**  
**Supplier** : CHEMTREC  
1-800-424-9300

## 2. Hazard(s) identification

**Hazard Classification**  
Not classified

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** not applicable

**Precautionary Statements** not applicable

**RTV142-C**

**Other hazards which do not result in GHS classification:** None.

**Substance(s) formed under the conditions of use:** Generates methanol during cure.

**3. Composition/information on ingredients**

**Mixtures**

**Composition Comments:** The components are not hazardous or are below required disclosure limits.

**4. First-aid measures**

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

**Skin Contact:** To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. If skin irritation occurs: Get medical advice/attention.

**Eye contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** This product reacts with moisture in the acid contents of the stomach to form methanol. Treatment is symptomatic and supportive.

**5. Fire-fighting 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.

**RTV142-C**

**Suitable (and unsuitable) 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.

**Specific hazards arising from the chemical:** In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Reacts with water liberating small amounts of methanol. This material is reactive with water, but the reaction will not significantly increase the fire severity.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Move container from fire area if it can be done without risk. Cool fire-endangered containers with water.

**Special protective equipment for fire-fighters:** Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Keep container closed. Avoid contact with skin and eyes. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases methanol during application and curing. Keep out of reach of children. See Section 8 of the SDS for Personal Protective Equipment.

**Methods and material for containment and cleaning up:** Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section.

**7. Handling and storage**

**Precautions for safe handling:** Sensitivity to static discharge is not expected. Methanol is formed during processing. Avoid contact with eyes, skin, and clothing. See Section 8 of the SDS for Personal Protective Equipment. Do not eat, drink or smoke when using the product. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:** Keep away from heat, sparks and open flame. Keep container tightly closed.

RTV142-C

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls**

Eye wash facilities and emergency shower must be available when handling this product. Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**Individual protection measures, such as personal protective equipment**

**General information:** Wear suitable gloves and eye/face protection.

**Eye/face protection:** Safety glasses with side shields

**Skin Protection**

**Hand Protection:** Rubber gloves are recommended.

**Other:** Wear suitable protective clothing and eye/face protection.

**Respiratory Protection:** If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

**Hygiene measures:** Provide adequate ventilation. Observe good industrial hygiene practices. Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

**9. Physical and chemical properties**

**Appearance**

**Physical state:** solid  
**Form:** Paste  
**Color:** Colorless

**Odor:** Sweet

**Odor threshold:** No data available.

**pH:** not applicable

**Melting point/freezing point:** No data available.

**Initial boiling point and boiling range:** No data available.

**Flash Point:** > 93.3 °C

**RTV142-C**

|                                                              |                                                     |
|--------------------------------------------------------------|-----------------------------------------------------|
| <b>Evaporation rate:</b>                                     | No data available.                                  |
| <b>Flammability (solid, gas):</b>                            | No data available.                                  |
| <b>Upper/lower limit on flammability or explosive limits</b> |                                                     |
| <b>Flammability limit - upper (%):</b>                       | No data available.                                  |
| <b>Flammability limit - lower (%):</b>                       | No data available.                                  |
| <b>Explosive limit - upper (%):</b>                          | No data available.                                  |
| <b>Explosive limit - lower (%):</b>                          | No data available.                                  |
| <b>Heat of combustion:</b>                                   | No data available.                                  |
| <b>Vapor pressure:</b>                                       | No data available.                                  |
| <b>Vapor density:</b>                                        | No data available.                                  |
| <b>Density:</b>                                              | No data available.                                  |
| <b>Relative density:</b>                                     | 1.10 (25 °C)                                        |
| <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>Auto-ignition temperature:</b>                            | No data available.                                  |
| <b>Decomposition temperature:</b>                            | No decomposition if stored and applied as directed. |
| <b>SADT:</b>                                                 | No data available.                                  |
| <b>Viscosity, dynamic:</b>                                   | No data available.                                  |
| <b>Viscosity, kinematic:</b>                                 | No data available.                                  |
| <b>VOC:</b>                                                  | 45 g/l ;                                            |

**10. Stability and reactivity**

|                                            |                                                                                                                                                                                             |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                         | No dangerous reaction if used as recommended.                                                                                                                                               |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.                                                                                                                                                 |
| <b>Possibility of hazardous reactions:</b> | Under normal conditions of storage and use, hazardous polymerization will not occur.                                                                                                        |
| <b>Conditions to avoid:</b>                | Keep away from moisture. Keep away from heat, sparks and open flame.                                                                                                                        |
| <b>Incompatible Materials:</b>             | Strong Acids, Strong Bases Contact with water.                                                                                                                                              |
| <b>Hazardous Decomposition Products:</b>   | Carbon dioxide Silicon dioxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation. |

RTV142-C

**11. Toxicological information**

**Information on likely routes of exposure**

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

**Symptoms related to the physical, chemical and toxicological characteristics**

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

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

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

**Dermal**

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

**Inhalation**

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

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

RTV142-C

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**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.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

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RTV142-C

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

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

**13. Disposal considerations**

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

**Disposal instructions:** Disposal should be made in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of as unused product.

**14. Transport information**

**DOT**  
Not regulated.

**IMDG**  
Not regulated.

**IATA**  
Not regulated.



**RTV142-C**

**Special precautions for user:** This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

No SARA Hazards

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous Chemical**

None present or none present in regulated quantities.

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl) -  
, reaction products with ammonia,  
octamethylcyclotetrasiloxane and silica

**SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**US State Regulations**

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**RTV142-C**

**US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

|         |                                                                               |
|---------|-------------------------------------------------------------------------------|
| Toluene | Maximum Allowable Dose Level<br>(MADL): 13000 µg/day.<br>Developmental toxin. |
| Benzene | Maximum Allowable Dose Level<br>(MADL): 49 µg/day.<br>Developmental toxin.    |

**US. New Jersey Worker and Community Right-to-Know Act**

**Chemical Identity**

Siloxanes and Silicones, di-Me hydroxy terminated  
Methyltrimethoxysilane  
Tris(3(trimethoxysilyl)propyl)isocyanurate  
Bis(ethyl acetoacetato-O<sup>1</sup>,O<sup>3</sup>) [propane-1,3-diolato(2-) -O,O'] titanium,  
Titanium, bis[ethyl 3-(oxo- $\kappa$ .O) butanoato- $\kappa$ .O'] [1,3-  
propanediolato(2-) - $\kappa$ .O, $\kappa$ .O'] -  
Titanium, Bis(ethyl acetoacetato)-diispropoxy

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**RTV142-C**

**Inventory Status:**

|                                          |                                        |                |
|------------------------------------------|----------------------------------------|----------------|
| Australia AICS:                          | On or in compliance with the inventory | Remarks: None. |
| Canada DSL Inventory List:               | On or in compliance with the inventory | Remarks: None. |
| EINECS, ELINCS or NLP:                   | On or in compliance with the inventory | Remarks: None. |
| Japan (ENCS) List:                       | On or in compliance with the inventory | Remarks: None. |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory | Remarks: None. |
| Korea Existing Chemicals Inv. (KECI):    | On or in compliance with the inventory | Remarks: None. |
| Canada NDSL Inventory:                   | Not in compliance with the inventory.  | Remarks: None. |
| Philippines PICCS:                       | On or in compliance with the inventory | Remarks: None. |
| US TSCA Inventory:                       | On or in compliance with the inventory | Remarks: None. |
| New Zealand Inventory of Chemicals:      | On or in compliance with the inventory | Remarks: None. |
| Taiwan Chemical Substance Inventory:     | On or in compliance with the inventory | Remarks: None. |

**16. Other information, including date of preparation or last revision**

**HMIS Hazard ID**

|                            |   |
|----------------------------|---|
| <b>Health</b>              | 0 |
| <b>Flammability</b>        | 1 |
| <b>Physical Hazards</b>    | 1 |
| <b>PERSONAL PROTECTION</b> |   |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**Issue Date:** 06/28/2017  
**Revision Date:** No data available.  
**Version #:** 1.0  
**Further Information:** No data available.

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**RTV142-C**

**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

**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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