

RTV157

# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

**GHS Product identifier:** RTV157

### Recommended use of the chemical and restrictions on use

**Recommended use:** Sealant

**Recommended restrictions:** For industrial use only.

### Supplier's details

**Manufacturer** : Momentive Performance Materials LLC  
260 Hudson River Road  
Waterford NY 12188

**Distributor Information** : DC Products Pty Limited  
Unit 117/45 Gilby Road  
Mount Waverley 3149  
Australia

**Contact person** : viren.kumar@dcproducts.com.au

**Telephone** : +613 9558 8898

**Emergency telephone number** : +61 418 529 118

## 2. Hazard(s) identification

**GHS classification of substance or mixture, and national or regional information:**  
Not classified

### GHS label elements

**Hazard symbol(s):** No symbol

**Signal Word:** none

**Hazard Statement(s):** Not applicable

### Precautionary statement(s):

**Prevention:** Not applicable

**Response:** Not applicable

**Storage:** Not applicable

**Disposal:** Not applicable

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

## 3. Composition/information on ingredients

SDS\_AU

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**Chemical nature:** Mixture of polydimethylsiloxanes, organic oils, fillers and cross-linkers.

**Mixtures**

| Chemical Identity | CAS number | Concentration* |
|-------------------|------------|----------------|
| TITANIUM DIOXIDE  | 13463-67-7 | 0,1 - 1%       |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

**4. First-aid measures**

**General information:** No action shall be taken involving any personal risk or without suitable training.

**Description of necessary first-aid measures**

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

**Skin Contact:** After contact with skin, remove product mechanically. Wash skin thoroughly with soap 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.

**Ingestion:** Rinse mouth. Do not induce vomiting. Consult a physician for specific advice.

**Symptoms caused by exposure**

**Symptoms:** No data available.

**Hazards:** No data available.

**Medical attention and special treatment**

**Treatment:** Not relevant.

**5. Fire-fighting measures**

**General Fire Hazards:** Use standard firefighting procedures and consider the hazards of other involved materials.

**Means of fire extinguishing**

**Suitable extinguishing media:** All standard extinguishing agents are suitable.

**Unsuitable extinguishing media:** Do not use water jet.

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**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. Pay attention to the corrosive effects arising from contact with water. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**Special protective equipment and precautions for firefighters**

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

**Special protective equipment for fire-fighters:** Wear suitable respiratory protection. Use personal protective equipment.

**Hazchem Code:** No data available.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Avoid contact with skin and eyes. Use only in well-ventilated areas. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases acetic acid during application and curing. Attention: Not for injection into humans. Keep out of reach of children.

**Environmental Precautions: Methods and material for containment and cleaning up:** Avoid discharge into drains, water courses or onto the ground. Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

**7. Handling and storage**

**Precautions for safe handling:** Acetic acid is formed during processing. Wear appropriate personal protective equipment. Use only in well-ventilated areas. Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Keep containers tightly closed. See Section 8 of the SDS for Personal Protective Equipment.

**Conditions for safe storage, including any incompatibilities:** Keep away from food, drink and animal feeding stuffs. Keep container tightly closed in a cool, well-ventilated place. Use original container or packaging of similar material of construction

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity | Type | Exposure Limit Values | Source  |
|-------------------|------|-----------------------|---|
| TITANIUM DIOXIDE  | TWA  | 10 mg/m <sup>3</sup>  | Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment) (08 2005) |

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This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

**Biological Limit Values**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls:**

Eye wash facilities and emergency shower must be available when handling this product. Use only in well-ventilated areas.

**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:** Chemical resistant gloves

**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:** 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:** Gray

**Odor:** Acetic acid.

**Odor threshold:** No data available.

**pH:** No data available.

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

**Initial boiling point and boiling range:** Not applicable

**Flash Point:** > 94 °C (estimated) Product does not flash below 93.3C (200F) during test; no actual flash point >93.3 C was determined.

**Evaporation rate:** < 1

**Flammability (solid, gas):** No data available.

**Upper/lower limit on flammability or explosive limits**

**Flammability limit - upper (%):** No data available.

**Flammability limit - lower (%):** No data available.

**Explosive limit - upper (%):** No data available.

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|   |   |
|---|---|
| <b>Explosive limit - lower (%):</b>                     | No data available.                                  |
| <b>Vapor pressure:</b>                                  | No data available.                                  |
| <b>Vapor density:</b>                                   | No data available.                                  |
| <b>Density:</b>   | ca. 1,1 g/cm <sup>3</sup>                           |
| <b>Relative density:</b>                                | ca. 1,1   |
| <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>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>Specific gravity:</b>                                | No data available.                                  |

**10. Stability and reactivity**

|  |  |
|--|--|
| <b>Reactivity:</b>                         | No data available.   |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.  |
| <b>Possibility of hazardous reactions:</b> | Hazardous polymerisation does not occur.   |
| <b>Conditions to avoid:</b>                | Reacts with water liberating small amounts of acetic acid.   |
| <b>Incompatible Materials:</b>             | Strong Acids, Strong Bases Water.  |
| <b>Hazardous Decomposition Products:</b>   | Carbon dioxide Silicon dioxide. Formaldehyde. Acetic acid. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive. |

**11. Toxicological information**

**Information on likely routes of exposure**

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |
| <b>Ingestion:</b>    | No data available. |

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

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

**Information on toxicological effects**

**Acute toxicity**

**Oral**

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

**Specified substance(s):**

TITANIUM DIOXIDE LD 50 (Rat): > 10.000 mg/kg

**Dermal**

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

**Specified substance(s):**

TITANIUM DIOXIDE LD 50 (Rabbit): > 10.000 mg/kg

**Inhalation**

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

**Specified substance(s):**

TITANIUM DIOXIDE LC50 (Rat, 4 h): > 6,8 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Skin irritation and corrosion**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Specified substance(s):**

TITANIUM DIOXIDE No eye irritation

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Specified substance(s):**

TITANIUM DIOXIDE negative

**Carcinogenicity**

**Product:** No data available.

**Notifiable Carcinogenic Substances**

No carcinogenic components identified

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**Prohibited Carcinogenic Substances**

No carcinogenic components identified

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

No carcinogenic components identified

**ACGIH Carcinogen List:**

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.

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**12. Ecological information**

**Ecotoxicity**

**Acute hazards to the aquatic environment**

**Fish**

**Product:** No data available.

**Specified substance(s):**

TITANIUM DIOXIDE LC0 (Leuciscus idus, 48 h): > 1.000 mg/l

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

**Persistence and Degradability**

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

**Specified substance(s):**  
TITANIUM DIOXIDE 0 %

**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**

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

**Known or predicted distribution to environmental compartments**  
TITANIUM DIOXIDE No data available.

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

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**13. Disposal considerations**

**General information:** Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

**Disposal methods**

**Disposal instructions:** No data available.

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

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**14. Transport information**

**National Regulations**

**ADG**

Not regulated.

**International regulations**

**IATA**

Not regulated.



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**IMDG**

Not regulated.

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

Not applicable

**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. Protect from moisture. Keep away from food, foodstuff, acids and bases. keep away from odour sensitive materials

**15. Regulatory information**

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poisons Schedule Number**

|            |                      |                                       |
|------------|----------------------|---------------------------------------|
| AU SUSMP 2 | Acetic acid          | Listed                                |
| AU SUSMP 3 |                      | Poisons schedule number not allocated |
| AU SUSMP 4 |                      | Poisons schedule number not allocated |
| AU SUSMP 5 | Acetic acid          | Listed                                |
| AU SUSMP 6 | Acetic acid          | Listed                                |
| AU SUSMP 7 | Dibutyltin Dilaurate | Listed                                |
| AU SUSMP 8 |                      | Poisons schedule number not allocated |
| AU SUSMP 9 |                      | Poisons schedule number not allocated |
| AU SUSMP A |                      | Poisons schedule number not allocated |
| AU SUSMP B |                      | Poisons schedule number not allocated |
| AU SUSMP C |                      | Poisons schedule number not allocated |
| AU SUSMP D |                      | Poisons schedule number not allocated |
| AU SUSMP E | Acetic acid          | Listed                                |
| AU SUSMP F | Acetic acid          | Listed                                |
| AU SUSMP G |                      | Poisons schedule number not allocated |

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|            |                                       |
|------------|---------------------------------------|
| AU SUSMP H | Poisons schedule number not allocated |
| AU SUSMP I | Poisons schedule number not allocated |
| AU SUSMP J | Poisons schedule number not allocated |
| AU SUSMP K | Poisons schedule number not allocated |
| AUSUSMPDS  | Poisons schedule number not allocated |

**Notifiable Carcinogenic Substances**

Not Regulated

**Prohibited Carcinogenic Substances**

Not Regulated

**National Pollutant Inventory (NPI) substance reporting list**

Acetic acid

Threshold  
 quantity:10tonnes/yr

Threshold  
 Category: 1

Dibutyltin Dilaurate

Threshold  
 quantity:10tonnes/yr

Threshold  
 Category: 1

**Prohibited Substances (National Model Regulations for the Control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994))**

Not Regulated

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not Regulated

**Importation of Ozone Depleting Substances (Customs (Prohibited Imports) Regulations 1956, Schedule 10)**

Not Regulated

**High Volume Industrial Chemicals (HVIC)**

Acetic acid

Threshold quantity: 1.000 - 9.999  
 tonnes

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

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Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

**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**

|  |                                      |
|--|--------------------------------------|
| <b>Issue Date:</b>                         | 04.04.2018                           |
| <b>Revision Date:</b>                      | No data available.No data available. |
| <b>Version #:</b>                          | 1.0                                  |
| <b>Further Information:</b>                | No data available.                   |
| <b>Key abbreviations or acronyms used:</b> | No data available.                   |
| <b>References:</b>                         | No data available.                   |

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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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