

SAFETY DATA SHEET

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

GHS Product identifier: RTV 162

Recommended use of the chemical and restrictions on use

Recommended use: Sealant

Recommended restrictions: For industrial use only.

Supplier's details

Manufacturer Momenive Performance Materials LLC
260 Hudson River Road
Waterford NY 12188

Contact person : Viren.kumar@dcproducts.com.au

Telephone : +613 9558 8898

Emergency telephone : :+61 418 529 118

number

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

Mixtures

Chemical Identity	CAS number	Concentration*
Tris(3(trimethoxysilyl)propyl)isocyanurate	26115-70-8	1 - 10%
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**Description of necessary first-aid measures**

Inhalation:	Move to fresh air.
Skin Contact:	After contact with skin, remove product mechanically. Wash area with soap and water.
Eye contact:	Rinse the eye with water immediately. If eye irritation persists: Get medical advice/attention.
Ingestion:	If swallowed, do NOT induce vomiting. Give a glass of water. Rinse mouth. 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.
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5. Fire-fighting measures

General Fire Hazards:	Use water spray to keep fire-exposed containers cool.
Means of fire extinguishing	
Suitable extinguishing media:	All standard extinguishing agents are suitable.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical:	No data available.

RTV 162

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Keep away from sources of ignition - No smoking.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective clothing.

Hazchem Code: No data available.

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.

Environmental Precautions: No data available.

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: Methanol is formed during processing. Wear appropriate personal protective equipment.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a cool, well-ventilated place.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

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

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. Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

RTV 162

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:	In case of insufficient ventilation, wear suitable respiratory equipment.
Hygiene measures:	Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes, skin, and clothing. Observe good industrial hygiene practices. When using do not eat, drink or smoke. Wash hands after handling.

9. Physical and chemical properties

Appearance

Physical state:	solid
Form:	Paste
Color:	White
Odor:	Alcohol
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	Not applied
Initial boiling point and boiling range :	No data available.
Flash Point:	> 93,3 °C (estimated)
Evaporation rate:	No data available.
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.
Explosive limit - lower (%):	No data available.
Vapor pressure :	No data available.
Vapor density:	No data available.
Density:	ca. 1,085 g/cm ³ 1,10 g/cm ³ (25 °C)
Relative density:	ca. 1,085
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	450 °C
Decomposition temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.

RTV 162

Viscosity, dynamic:	No data available.
Viscosity, kinematic:	> 20,5 mm ² /s (40 °C)
Specific gravity:	No data available.

10. Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
Chemical Stability:	No data available.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Reacts with water liberating small amounts of methanol.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Carbon dioxide Silicon dioxide. Formaldehyde. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

11. Toxicological information

Information on likely routes of exposure

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

Symptoms related to the physical, chemical and toxicological characteristics

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:	ATEmix 48.444,92 mg/kg
Specified substance(s):	
Tris(3(trimethoxysilyl)propyl)isocyanurate	LD 50 (Rat): > 2.000 mg/kg
TITANIUM DIOXIDE	LD 50 (Rat): > 10.000 mg/kg

RTV 162

Dermal

Product:

Not classified for acute toxicity based on available data.

Specified substance(s):

Tris(3(trimethoxysilyl
)propyl)isocyanurate LD 50 (Rabbit): > 2.000 mg/kg

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

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.

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.**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

Tris(3(trimethoxysilyl)propyl isocyanurate) No data available.

TITANIUM DIOXIDE No data available.

Other adverse effects: No data available.

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: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. The generation of waste should be avoided or minimized wherever possible. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

Contaminated Packaging: Dispose of as unused product.

14. Transport information

National Regulations

ADG

Not regulated.

International regulations

IATA

Not regulated.

IMDG

Not regulated.

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

Not applicable

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

AU SUSMP 2	Poisons schedule number not allocated
AU SUSMP 3	Poisons schedule number not allocated
AU SUSMP 4	Poisons schedule number not allocated
AU SUSMP 5	Poisons schedule number not allocated
AU SUSMP 6	Poisons schedule number not allocated
AU SUSMP 7	Poisons schedule number not allocated
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	Poisons schedule number not allocated
AU SUSMP F	Poisons schedule number not allocated
AU SUSMP G	Poisons schedule number not allocated
AU SUSMP H	Poisons schedule number not allocated

RTV 162

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

Not Regulated

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)

Not Regulated

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

RTV 162

Inventory Status:

Australia AICS:	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inv. Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	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: None.
New Zealand Inventory of Chemicals:	y (positive listing)	Remarks: None.
Taiwan Chemical Substance Inventory:	y (positive listing)	Remarks: None.
REACH:	If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered or are intended to be registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.	Remarks: None.

16. Other Information

Issue Date:	04.04.2018
Revision Date:	No data available.
Version #:	1.0
Further Information:	"Wear eye, hand and respiratory protection when in handling."
Key abbreviations or acronyms used:	No data available.
References:	No data available.

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

"Wear eye, hand and respiratory protection when in handling."

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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