

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Trade name : RTV 162

Usage : Silicone Elastomer

Company : Momentive Amer Ind.  
260 Hudson River Road  
US - 12188 WATERFORD

Emergency telephone : + 800-424-9300 OR +44 (0) 1235239670

Further information : + 40 213044229

Environment, Health and Safety Department : MomentiveEMEA.productsteward@momentive.com

**2. HAZARDS IDENTIFICATION**

**Physical and chemical hazards**  
None known.

**GHS Classification**  
**Classification according to Regulation (EC) No 1272/2008 as amended:**  
Not classified

**Labelling according to EC Directives**

Further information : Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

1999/45/EC

Special labelling of certain mixtures : Safety data sheet available for professional user on request.  
Methyltrimethoxysilane

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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

**Hazardous components**

Chemical Name	CAS-No.	EINECS-No.	Symbol(s)	R-	Concentration
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Version 1.3  
Revision Date 05.01.2011Print Date 08.08.2011  
M00000006604

		ELINCS No.		phrase(s)	%
Methyltrimethoxysilane	1185-55-3	214-685-0	Xi, F	R11, R36	>= 1,000 - < 5,000

**Hazardous components Regulation (EC) No. 1272/2008**

Chemical Name	CAS-No.	EINECS-No. ELINCS No.	Hazard classification Hazard statements	Concentration %
Methyltrimethoxysilane	1185-55-3	214-685-0	Category 2 Flammable liquids H225. Category 2A Serious eye damage/eye irritation H319.	>= 1,000 - < 5,000

**4. FIRST AID MEASURES**

- Inhalation : Move to fresh air in case of accidental inhalation of vapours.
- 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 : Rinse mouth. Consult a physician if necessary.

**5. FIRE-FIGHTING MEASURES**

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

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Provide adequate ventilation. Use personal protective equipment.
- Methods for cleaning up : Use mechanical handling equipment. Shovel up and place in a container for salvage or disposal.

**7. HANDLING AND STORAGE****Handling**

Version 1.3  
Revision Date 05.01.2011Print Date 08.08.2011  
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Advice on safe handling : Methanol is formed during processing. Wear appropriate personal protective equipment.

**Storage**

Requirements for storage areas and containers : Keep container tightly closed in a cool, well-ventilated place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Components	CAS-No.	Control parameters
Titanium Dioxide	13463-67-7	Basis: EH40 OES; Update: 2000; Time Weighted Average (TWA): 10 mg/m <sup>3</sup> Basis: EH40 OES; Update: 2000; Time Weighted Average (TWA): 4 mg/m <sup>3</sup> Basis: EH40 WEL; Update: 2005; Time Weighted Average (TWA): 4 mg/m <sup>3</sup> Basis: EH40 WEL; Update: 2005; Time Weighted Average (TWA): 10 mg/m <sup>3</sup>

**Personal protective equipment**

Hand protection : Advise: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Eye protection : Safety glasses with side shields

Hygiene measures : Avoid contact with eyes, skin, and clothing.  
Ensure adequate ventilation, especially in confined areas.  
Handle in accordance with good industrial hygiene and safety practice.  
Wash hands after handling.  
When using do not eat, drink or smoke.

Protective measures : Wear suitable gloves and eye/face protection.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form : Paste

Colour : White

Odour : alcohol like

**Safety data**

pH	: No data available.
Flash point	: >93,3 °C Method: Estimated
Autoignition temperature	: 450 °C
Density	: ca.1,085 g/cm <sup>3</sup>
Solubility/qualitative	: Insoluble
Solubility/qualitative	: Insoluble
Viscosity, kinematic	: > 7 mm <sup>2</sup> /s at 40 °C
Relative vapour density	: No data available.
Thermal decomposition	: Note: No decomposition if stored and applied as directed.
Evaporation rate	: No data available.
Miscibility with water	: non miscible (<10%)

**10. STABILITY AND REACTIVITY**

Further information	: Reacts with water liberating small amounts of methanol.
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**11. TOXICOLOGICAL INFORMATION**

Human experience	: Our Experience shows that our Silicone Elastomer products can be handled without risk to health if used properly and if the usual precautions for industrial hygiene are observed.
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**12. ECOLOGICAL INFORMATION**

Additional ecological information	: Ecotoxicological data for this product is not available.
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**13. DISPOSAL CONSIDERATIONS**

- Product : According to local regulations, can be taken to an appropriate incinerator equipped with exhaust gas cleaning.
- Contaminated packaging : Dispose of as unused product.

**14. TRANSPORT INFORMATION**

- Further Information** : 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****Inventories**

- |  |                      |                   |
|--|----------------------|-------------------|
| Australia Inventory of Chemical Substances (AICS)                  | y (positive listing) |                   |
| EU list of existing chemical substances                            | y (positive listing) |                   |
| Japan Inventory of Existing & New Chemical Substances (ENCS)       | y (positive listing) |                   |
| China Inventory of Existing Chemical Substances                    | y (positive listing) |                   |
| Korea Existing Chemicals Inventory (KECI)                          | y (positive listing) |                   |
| Canada DSL Inventory   | y (positive listing) |                   |
| Canada NDSL Inventory  | n (Negative listing) |                   |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | y (positive listing) |                   |
| TSCA list  | y (positive listing) | On TSCA Inventory |
- For inventories that are marked as quantity restricted or special cases, please contact Momentive.

**16. OTHER INFORMATION**

**Full text of R-phrases referred to under sections 2 and 3**

Version 1.3  
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M00000006604None known.  
R11  
R36None known.  
Highly flammable.  
Irritating to eyes.**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.