

RTV 162

Version 1.5
Revision date 18.04.2013

Print Date 20.12.2013
M00000006604

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Trade name : RTV 162
REACH Registration No. : not applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Usage :
1.2.2 Uses advised against : None known.

1.3 Details of the supplier of the safety data sheet

Company: : Momentive Performance Materials GmbH
Chempark Leverkusen Gebaeude V7
DE - 51368 Leverkusen
Telephone : + 40 213044229
Information contact: : MomentiveEMEA.productsteward@momentive.com

1.4 Emergency telephone

24 Hour Emergency Telephone : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44 (0) 1235239671

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008 as amended**

The product has not been classified as hazardous according to the legislation in force.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended:

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

2.2 Label elements**GHS-Labeling Regulation (EC) No. 1272/2008:**

The product has not been classified as hazardous according to the legislation in force.

Labelling according to EC Directives

Further Information : In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

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None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Product description / chemical characterization:** Mixture of polydimethylsiloxanes, fillers and cross-linkers.**Hazardous Component(s)**

Chemical name	CAS-No.; EC No.; REACH Registration No.	Concentration %	EU Classification	Regulation (EC) No. 1272/2008
Methyltrimethoxysilane	1185-55-3; 214-685-0; 01-2119517436- 40-XXXX;	>= 0,000 - < 10,000	F;R11;	Category 2; Flam. Liq.; H225;

4. FIRST AID MEASURES**4.1 Description of 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.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

None known.

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

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

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Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture:

None known.

5.3 Advice for firefighters:

None known.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Use personal protective equipment.

6.2 Environmental precautions:

No data available

6.3 Methods and material for containment and cleaning up:

Use mechanical handling equipment. Shovel up and place in a container for salvage or disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

Contains no substances with occupational exposure limit values.

DNEL-Values:

No data available

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PNEC-Values:

No data available

8.2 Exposure controls

Personal protective equipment (ppe)

- Hand protection : Advice: 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 conforming to EN166
- 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.
- Protective Measures : Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance : Paste
White
- Odor : Alcohol
- Odor Threshold : No data available.
- pH :
No data available.
- Melting Point : No data available.
- Boiling point/boiling range :
Flash Point : >93,3 °C Method: Estimated
- Evaporation Rate : No data available.
- Flammability (solid, gas) : No data available.
- Lower explosion limit : No data available.
- Upper explosion limit : No data available.
- Vapour pressure : No data available.
- Vapor Density : No data available.

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Density	: ca.1,085 g/cm ³
Solubility(ies)	: Insoluble
Solubility in Water	: Insoluble
Partition Coefficient: n-octanol/water	: No data available.
Autoignition Temperature	: 450 °C
Thermal decomposition	: Note: No decomposition if stored and applied as directed.
Viscosity, kinematic	: > 20,5 mm ² /s at 40 °C
Explosive properties	: No data available.
Oxidizing properties	: No data available.

10. STABILITY AND REACTIVITY**10.1 Reactivity:**

No data available

10.2 Chemical stability:

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions:

None known.

10.4 Conditions to avoid:

Reacts with water liberating small amounts of methanol.

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10.6 Hazardous decomposition products:

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.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Product: No data available

12.2 Persistence and degradability

Elimination information (persistence and degradability)

Product: No data available

12.3 Bioaccumulation

Product: No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product: No data available

12.6 Other adverse effects

Additional ecological information : Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Can be incinerated when in compliance with local regulations.

Contaminated packaging : Dispose of as unused product.

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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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None known.

15.2 Chemical safety assessment**Inventories**

Australia Inventory of Chemical Substances (AICS)	y (positive listing)
Canada DSL Inventory	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 NDSL Inventory	n (Negative listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)
TSCA list	y (positive listing)
New Zealand Inventory of Chemicals	y (positive listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

