

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

Trade name : RTV 108

Usage : Silicone Elastomer

Company : Momentive Performance Materials  
B-3,Sipcot IndustrialGrowth Center, Oragadam,  
Sriperumbudur  
IN - Kancheepuram Dist - 602105

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Further information : + 40 213044229

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

**2. HAZARDS IDENTIFICATION****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 : 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.  
Methyltriacetoxysilane  
Octamethylcyclotetrasiloxane

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

Mixture of polydimethylsiloxanes, fillers and cross-linkers.

**Hazardous Component(s)**

Chemical Name	CAS-No.	EINECS-No.	Symbol(s)	R-	Concentration
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		ELINCS No.		phrase(s)	%
Octamethylcyclotetrasiloxane	556-67-2	209-136-7	Xn	R53, R62	>= 1,000 - < 5,000
Methyltriacetoxysilane	4253-34-3	224-221-9	C	R14, R22, R34	>= 1,000 - < 5,000

**Hazardous Component(s) Regulation (EC) No. 1272/2008**

Chemical Name	CAS-No.	EINECS-No. ELINCS No.	Hazard classification Hazard statements	Concentration %
Octamethylcyclotetrasiloxane	556-67-2	209-136-7	Category 2 Toxic to reproduction H361f Category 4 Hazardous to the aquatic environment — Chronic Hazard H413 Category 3 Flammable liquids H226	>= 1,000 - < 5,000
Methyltriacetoxysilane	4253-34-3	224-221-9	Category 4 Acute toxicity H302 Category 1C Skin corrosion/irritation H314	>= 1,000 - < 5,000

**4. FIRST AID MEASURES**

- Skin contact : Wash area with soap and water.
- Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : Drink plenty of water. Do NOT induce vomiting. Get medical attention.

**5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : All standard extinguishing agents are suitable.
- Further Information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Special protective equipment for fire-fighters : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Provide adequate ventilation. Use personal protective equipment.
- Environmental precautions : Do not allow runoff to sewer, waterway or ground.
- Methods for cleaning up : Shovel up and place in a container for salvage or disposal.

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

- Advice on safe handling : Acetic acid 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****Personal protective equipment (ppe)**

- Respiratory Protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Respirator with a vapour filter (EN 141)
- 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 : Avoid contact with eyes, skin, and clothing.  
Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.  
When using do not eat, drink or smoke.

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

Form	: Paste
Colour	: Colorless
Odour	: Acetic acid.

**Safety data**

Flash point	: >93,3 °C Method: Estimated
Density	: ca.1.060 g/cm3
Solubility/qualitative	: Soluble in toluene
Thermal decomposition	: Note: No decomposition if stored and applied as directed.
Miscibility with water	: non miscible (<10%)

**10. STABILITY AND REACTIVITY**

Further information	: Reacts with water liberating small amounts of acetic acid. Acetic acid is formed during processing. No dangerous reaction if used as recommended.
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**11. TOXICOLOGICAL INFORMATION**

Human experience	: Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of 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.

**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.  
Keep away from foodstuffs and animal feed.  
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**

R14	Reacts violently with water.
R22	Harmful if swallowed.
R34	Causes burns.
R53	May cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

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.