

Version 2.0  
Revision date 20.08.2013

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

### 1.1 Product identifier

Trade name : RTV 103 - black

REACH Registration No. : not applicable

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

1.2.1 Usage : Silicone Elastomer

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.

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

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mixtures

Octamethylcyclotetrasiloxane

**2.3 Other hazards**

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
Octamethylcyclotetrasiloxane	556-67-2; 209-136-7; 01-2119529238- 36-XXXX;	$\geq 0,000$ - $< 5,000$	Xn;R53, R62;	Category 2; Repr.; H361f; Category 4; Aquatic Chronic; H413; Category 3; Flam. Liq.; H226;
Acetic acid	64-19-7; 200-580-7; Not Applicable	$< 1,000$	C;R10, R35;	Category 3; Flam. Liq.; H226; Category 1A; Skin Corr.; H314;

**4. FIRST AID MEASURES****4.1 Description of 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.

**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.

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## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media : All standard extinguishing agents are suitable.  
Unsuitable extinguishing media : None known.

### 5.2 Special hazards arising from the substance or mixture:

None known.

### 5.3 Advice for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Use personal protective equipment.

### 6.2 Environmental precautions:

Do not allow runoff to sewer, waterway or ground.

### 6.3 Methods and material for containment and cleaning up:

Shovel up and place in a container for salvage or disposal.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handling : Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes, skin, and clothing. Acetic acid 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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits

Contains no substances with occupational exposure limit values.

Components	CAS-No.	Occupational exposure limits
ACETIC ACID	64-19-7	Basis: EH40 OES; Update: 2001; Time Weighted Average (TWA): 10 ppm Basis: EH40 OES; Update: 2001; Short Term Exposure Limit (STEL): 15 ppm Basis: EU ELV; Update: 02 2006; Listed.

#### DNEL-Values:

No data available

#### PNEC-Values:

No data available

### 8.2 Exposure controls

#### Personal protective equipment (ppe)

- Respiratory Protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Respiratory protection mask with Filtrertype ABEK
- 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

### 9.1 Information on basic physical and chemical properties

- Appearance : Paste  
Black
- Odor : Acetic acid.

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Odor Threshold	: No data available.
pH	: No data available.
Melting Point	: Not applicable
Boiling point/boiling range	: Not applicable
Flash Point	: >93,3 °C Method: Estimated
Evaporation Rate	: No data available.
Flammability (solid, gas)	: No data available.
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Vapour pressure	: No data available.
Vapor Density	: No data available.
Density	: ca.1,06 g/cm <sup>3</sup>
Solubility(ies)	: Toluene
Solubility in Water	: Insoluble
Partition Coefficient: n-octanol/water	: No data available.
Autoignition Temperature	: No data available.
Thermal decomposition	: No data available.
Viscosity, kinematic	: No data available.
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.

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**10.3 Possibility of hazardous reactions:**

Reacts with water liberating small amounts of acetic acid.; Acetic acid is formed during processing.; No dangerous reaction if used as recommended.

**10.4 Conditions to avoid:**

None known.

**10.6 Hazardous decomposition products:**No data available

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**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

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****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.

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**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

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

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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.  
Keep away from foodstuffs and animal feed.  
keep away from odour sensitive materials

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## 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.

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## 16. OTHER INFORMATION

### Wording of the R-phrases and H-statements in section 2 and 3

:

H361f: Suspected of damaging fertility.

H413: May cause long lasting harmful effects to aquatic life.

H226: Flammable liquid and vapor.

H226: Flammable liquid and vapor.

H314: Causes severe skin burns and eye damage.

R10	Flammable.
R35	Causes severe 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.