

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: RTV 103 - black

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

Identified uses: Silicone Elastomer

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

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, ,

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Environmental Hazards

Chronic hazards to the aquatic environment

Category 3

H412: Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Hazard Statement(s): H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention: P273: Avoid release to the environment.

Disposal: P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Unknown toxicity - Environment

Acute hazards to the aquatic environment 1,31 %

Chronic hazards to the aquatic environment 1,31 %

Additional Information: No data available.

2.3 Other hazards No data available.

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SECTION 3: Composition/information on ingredients

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

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Octamethylcyclotetrasiloxane	1 - <3%	556-67-2	209-136-7	01-2119529238-36-XXXX	No data available.	PBT, vPvB
Decamethylcyclopentasiloxane	0,1 - <1%	541-02-6	208-764-9	01-2119511367-43-0002	No data available.	vPvB
Dodecamethylcyclohexasiloxane	0,1 - <1%	540-97-6	208-762-8	01-2119517435-42-0001	No data available.	vPvB
Acetic acid	0,1 - <1%	64-19-7	200-580-7	01-2119475328-30-XXXX	No data available.	#

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Classification	Notes
Octamethylcyclotetrasiloxane	Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 2: H411;	No data available.
Decamethylcyclopentasiloxane	No data available.	
Dodecamethylcyclohexasiloxane	No data available.	
Acetic acid	Flam. Liq.: 3: H226; Skin Corr.: 1A: H314; Eye Dam.: 1: H318;	Note B

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: No action shall be taken involving any personal risk or without suitable training.

4.1 Description of first aid measures

Inhalation: Move to fresh air. Get medical attention if any discomfort continues.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

Ingestion: Drink plenty of water. Do NOT induce vomiting. Get medical attention.

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4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: No data available.

SECTION 5: Firefighting measures

General Fire Hazards: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.1 Extinguishing media
Suitable extinguishing media: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture: In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Pay attention to the corrosive effects arising from contact with water. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

5.3 Advice for firefighters
Special fire fighting procedures: Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Caution: Contaminated surfaces may be slippery. Reacts with water liberating small amounts of acetic acid. 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.

6.4 Reference to other sections: No data available.

SECTION 7: Handling and storage:

7.1 Precautions for safe 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.

Storage conditions: No data available.

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

Storage Stability: Stable

7.3 Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Silane, dichlorodimethyl-, reaction products with silica - Respirable dust.	TWA	2,4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Silane, dichlorodimethyl-, reaction products with silica - Inhalable dust.	TWA	6 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Acetic acid	TWA	10 ppm 25 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	STEL	20 ppm 50 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (02 2017)
	TWA	10 ppm 25 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	20 ppm 50 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
Calcium Carbonate - Respirable.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Inhalable	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)
Calcium Carbonate - Respirable dust.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011)

Biological Limit Values

None.

8.2 Exposure controls

Appropriate Engineering Controls:

Provide adequate general and local exhaust ventilation. Eye washes and showers for emergency use.

Individual protection measures, such as personal protective equipment

General information: No data available.

Eye/face protection: Safety glasses with side-shields conforming to EN166

Skin protection

Hand Protection:

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

Other:

Wear suitable protective clothing and eye/face protection.

Respiratory Protection:

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

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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.

Environmental exposure controls: No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

Physical state:	solid
Form:	Paste
Color:	Black
Odor:	Acetic acid.
Odor Threshold:	No data available.
pH:	No data available.
Melting Point:	Not applicable
Boiling Point:	Not applicable
Flash Point:	> 93,3 °C (estimated)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	ca. 1,06 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

No data available.

SECTION 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:	Hazardous polymerization does not occur.

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- 10.4 Conditions to avoid:** Reacts with water liberating small amounts of acetic acid.
- 10.5 Incompatible Materials:** No data available.
- 10.6 Hazardous Decomposition Products:** Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

General information: 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.

Information on likely routes of exposure

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

11.1 Information on toxicological effects

Acute toxicity

Oral

- Product:** Not classified for acute toxicity based on available data.
- Specified substance(s)**
- | | |
|-------------------------------|----------------------------|
| Octamethylcyclotetrasiloxane | LD 50 (Rat): > 4.800 mg/kg |
| Decamethylcyclopentasiloxane | No data available. |
| Dodecamethylcyclohexasiloxane | LD 50 (Rat): 2.000 mg/kg |
| Acetic acid | LD 50 (Rat): 3.310 mg/kg |

Dermal

- Product:** Not classified for acute toxicity based on available data.
- Specified substance(s)**
- | | |
|-------------------------------|-------------------------------|
| Octamethylcyclotetrasiloxane | LD 50 (Rat): > 2.375 mg/kg |
| Decamethylcyclopentasiloxane | LD 50 (Rabbit): > 2.000 mg/kg |
| Dodecamethylcyclohexasiloxane | LD 50 (Rat): 2.000 mg/kg |
| Acetic acid | No data available. |

Inhalation

- Product:** Not classified for acute toxicity based on available data.
- Specified substance(s)**
- | | |
|-------------------------------|----------------------------|
| Octamethylcyclotetrasiloxane | LC50 (Rat, 4 h): 36 mg/l |
| Decamethylcyclopentasiloxane | LC50 (Rat, 4 h): 8,67 mg/l |
| Dodecamethylcyclohexasiloxane | No data available. |

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Acetic acid	No data available.
Repeated dose toxicity	
Product:	No data available.
Specified substance(s)	
Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasiloxane	NOAEL (Rat(male and female), Oral, 90 d): 1.000 mg/kg NOAEL (Rat(male and female), Dermal, 28 d): 1.600 mg/kg NOAEC (Rat(male and female), Inhalation - vapor, 2 y): 160 ppm
Dodecamethylcyclohexasiloxane	NOAEL (Rat(male and female), Oral): 1.000 mg/kg
Acetic acid	No data available.
Skin Corrosion/Irritation:	
Product:	Not irritating No data available.
Specified substance(s)	
Octamethylcyclotetrasiloxane	OECD-Guideline 404 (Acute Dermal Irritation/Corrosion) (Rabbit): Slightly irritating.
Decamethylcyclopentasiloxane	OECD Test Guideline 404 (Rabbit, 72 h): Non irritating
Dodecamethylcyclohexasiloxane	OECD-Guideline 404 (Acute Dermal Irritation/Corrosion) (Rabbit, 72 h): No skin irritation
Acetic acid	No data available.
Serious Eye Damage/Eye Irritation:	
Product:	Not irritating No data available.
Specified substance(s)	
Octamethylcyclotetrasiloxane	OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating Not irritating
Decamethylcyclopentasiloxane	OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
Dodecamethylcyclohexasiloxane	OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit, 72 h): No eye irritation Not irritating
Acetic acid	No data available.
Respiratory or Skin Sensitization:	
Product:	No data available.
Specified substance(s)	
Octamethylcyclotetrasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Not sensitizing
Decamethylcyclopentasiloxane	LLNA (Local Lymph Node Assay), OECD Guideline 429 (LLNA) (Mouse): Non sensitizing.
Dodecamethylcyclohexasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): negative
Acetic acid	No data available.
Germ Cell Mutagenicity	
In vitro	
Product:	No data available.
Specified substance(s)	
Octamethylcyclotetrasiloxane	Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic) Mouse Lymphoma Assay (OECD Guideline 476): negative (not mutagenic)

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Decamethylcyclopentasil oxane	Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic) Mammalian cytogenicity test (Mouse Lymphoma Assay (OECD Guideline 476)): negative (not mutagenic) Chromosomal aberration (OECD 473): negative (not mutagenic)
Dodecamethylcyclohexasiloxane	Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative
Acetic acid	No data available.

In vivo

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	Chromosomal aberration (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Inhalation (Rat, male and female): negative Dominant lethal assay (OECD 478) Oral (Rat, male and female): negative (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Inhalation (Rat, male and female): negative (not mutagenic) Vapor.
Decamethylcyclopentasil oxane	
Dodecamethylcyclohexasiloxane	OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test) (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Intraperitoneal (Mouse, male and female): negative
Acetic acid	No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasil oxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasil oxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasil oxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

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Specified substance(s)

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

Other effects: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasiloxane	LC50 (Oncorhynchus mykiss, 96 h): > 0,0016 mg/l (OECD-Guideline 204)
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	LC50 (Lepomis macrochirus, 96 h): 75 mg/l (No data available.) LC0 (Leuciscus idus): 368 mg/l (No data available.) LC100 (Leuciscus idus): 452 mg/l (No data available.) LC50 (Leuciscus idus, 48 h): 410 mg/l (No data available.) LC50 (Pimephales promelas, 96 h): 88 mg/l (No data available.)

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclopentasiloxane	EC50 (Daphnia magna, 48 h): > 0,0029 mg/l (OECD Test Guideline 202)
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	LC0 (Daphnia magna): 150 mg/l (No data available.) EC50 (Daphnia magna, 24 h): 95 mg/l (No data available.)

Chronic Toxicity

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Fish

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane No data available.
 Decamethylcyclopentasiloxane NOEC (Oncorhynchus mykiss, 90 d): $\geq 0,0014$ mg/l (OECD-Guideline 210)
 LOEC (Oncorhynchus mykiss, 90 d): $> 0,0014$ mg/l (OECD-Guideline 210)
 Dodecamethylcyclohexasiloxane NOEC (Pimephales promelas, 49 d): $0,0044$ mg/l
 Acetic acid No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane No data available.
 Decamethylcyclopentasiloxane NOEC (Daphnia magna, 21 d): $\geq 0,0015$ mg/l (OECD-Guideline 211)
 LOEC (Daphnia magna, 21 d): $> 0,0015$ mg/l
 Dodecamethylcyclohexasiloxane NOEC (Daphnia magna, 21 d): $0,0046$ mg/l
 EC50 (Sediment Invertebrate, 28 d): > 420 mg/l
 LOEC (Sediment Invertebrate, 28 d): ≥ 420 mg/l
 Acetic acid No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane No data available.
 Decamethylcyclopentasiloxane EC50 (Algae (Pseudokirchneriella subcapitata), 96 h): $> 0,0012$ mg/l (OECD Test Guideline 201)
 NOEC : $\geq 0,0012$ mg/l
 EC10 : $> 0,0012$ mg/l
 Dodecamethylcyclohexasiloxane EC50 (Algae (Pseudokirchneriella subcapitata), 72 h): $> 0,002$ mg/l (OECD Test Guideline 201)
 NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): $\geq 0,002$ mg/l (OECD Test Guideline 201)
 Acetic acid No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane (29 d, 310 Ready Biodegradability - CO₂ in Sealed Vessels (Headspace Test)): 3,7 % Persistent Not readily biodegradable.
 Decamethylcyclopentasiloxane activated sludge (adaptation not specified) (28 d, OECD Test Guideline 310): 0,14 % The product is not readily biodegradable.
 Dodecamethylcyclohexasiloxane No data available.
 Acetic acid Biological degradability (5 d, No data available.): 60 %

BOD/COD Ratio

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane No data available.

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Decamethylcyclotetrasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Octamethylcyclotetrasiloxane	Fathead Minnow, Bioconcentration Factor (BCF): 12,40
Decamethylcyclotetrasiloxane	Fathead Minnow, Bioconcentration Factor (BCF): 7.060 (OECD Test Guideline 305)
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

12.4 Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Octamethylcyclotetrasiloxane	No data available.
Decamethylcyclotetrasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.
Acetic acid	No data available.

12.5 Results of PBT and vPvB assessment:

Octamethylcyclotetrasiloxane	Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB)	Octamethylcyclotetrasiloxane (D4) meets the current EU REACH Annex XIII criteria for PBT and vPvB and has been added to the candidate list for Substances of very high concern (SVHC)., <i>However our understanding of the available science is that D4 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D4 is not biomagnifying in aquatic and terrestrial food webs. D4 in air will degrade by naturally occurring reactions in the atmosphere. Any D4 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms.</i>
Decamethylcyclotetrasiloxane	vPvB: very persistent and very bioaccumulative substance.	Decamethylcyclotetrasiloxane (D5) meets the current EU REACH Annex XIII criteria for vPvB and has been added to the candidate list for Substances of very high concern (SVHC)., <i>However our understanding of the available science is that D5 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D5 is not biomagnifying in aquatic and terrestrial food webs. D5 in air will degrade by naturally occurring reactions in the atmosphere. Any D5 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms.</i>

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Dodecamethylcyclohexasiloxane	vPvB: very persistent and very bioaccumulative substance.	Dodecamethylcyclohexasiloxane (D6) meets the current EU REACH Annex XIII criteria for vPvB and has been added to the candidate list for Substances of very high concern (SVHC)., <i>However our understanding of the available science is that D6 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D6 is not biomagnifying in aquatic and terrestrial food webs. D6 in air will degrade by naturally occurring reactions in the atmosphere. Any D6 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms</i>
Acetic acid	No data available.	
12.6 Other adverse effects:	No data available.	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- General information:** The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.
- Disposal methods:** Can be incinerated when in compliance with local regulations.

SECTION 14: Transport information

- ADR**
 Not regulated.
- ADN**
 Not regulated.
- RID**
 Not regulated.
- IMDG**
 Not regulated.
- IATA**
 Not regulated.

14.6 Special precautions for user: 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 Protect from moisture.

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

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Not applicable

SECTION 15: Regulatory information

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

EU Regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: none

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):

Chemical name	CAS-No.	Concentration
Octamethylcyclotetrasiloxane	556-67-2	0 - <=2,99%
Decamethylcyclopentasiloxane	541-02-6	0 - <=0,4850%
Dodecamethylcyclohexasiloxane	540-97-6	0 - <=0,3690%

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
Octamethylcyclotetrasiloxane	556-67-2	1,0 - 10%
Decamethylcyclopentasiloxane	541-02-6	0,1 - 1,0%

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

Directive 2012/18/EU (Seveso III): on the control of major accident hazards involving dangerous substances:

Chemical name	CAS-No.	Concentration
Acetic acid	64-19-7	0,1 - 1,0%

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

Chemical name	CAS-No.	Concentration
Octamethylcyclotetrasiloxane	556-67-2	1,0 - 10%
Acetic acid	64-19-7	0,1 - 1,0%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

Australia AICS:	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	Q (quantity restricted)	Remarks: None.

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EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
REACH:	If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been 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.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3

- H226 Flammable liquid and vapor.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H361f Suspected of damaging fertility.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Training information: No data available.

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Disclaimer: