



# Safety Data Sheet

according to WHMIS 2023 and HCS 2024

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Date of issue 06/17/2025

Version number 3.00

Revision: 06/17/2025

## 1 Identification

### · Product identifier

#### · Trade name: 1035

- Other Means of Identification: Premium RTV Silicone Adhesive Sealant
- Related Part Number: 1035, 1035-85ML, 1035-85MLCA, 1035-300ML

#### · Application of the substance / the mixture Sealant

#### · Uses advised against Not available

### · Details of the supplier of the safety data sheet

#### Manufacturer/Supplier:

MG Chemicals (Head Office)  
1210 Corporate Drive  
Burlington, Ontario L7L 5R6  
CANADA  
+(1) 800-340-0772  
+(1) 905-331-1396  
info@mgchemicals.com

#### Distributor:

Masline  
511 Clinton Ave S  
Rochester, New York 14620  
United States  
+(1) 586-546-5373

#### · Information department: sds@mgchemicals.com

### · Emergency telephone number:

For hazardous material incidents ONLY (leaks, spills, fires, exposures or accidents)  
USA or CANADA-Call Verisk 3E at +1-866-519-4752 or +1-760-476-3962 (Service access code: 335388)

For emergencies involving the transport of dangerous goods; 24/7 service  
CANADA-Call CANUTEC collect at +1-613-996-6666 or \*666 on cellular phones

## 2 Hazard identification

### · Classification of the substance or mixture

Eye damage/irritation – Category 2A H319 Causes serious eye irritation.  
Sensitization - skin – Category 1 H317 May cause an allergic skin reaction.  
Reproductive Toxicity - Category 1A H360 May damage fertility or the unborn child.  
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

### · Label elements

#### · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

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## Hazard pictograms



GHS07 GHS08

## Signal word Danger

## Hazard-determining components of labeling:

octamethylcyclotetrasiloxane  
1,1,1,3,3,3-hexamethyldisilazane  
dibutylbis(pentane-2,4-dionato-O,O')tin  
Decamethylcyclopentasiloxane

## Hazard statements

H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H360 May damage fertility or the unborn child.  
H412 Harmful to aquatic life with long lasting effects.

## Precautionary statements

P102 Keep out of reach of children.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing fume and dust.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves / eye protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice.  
P333+P313 If skin irritation or rash occurs: Get medical advice.  
P337+P313 If eye irritation persists: Get medical advice.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P405 Store locked up.  
P501 Dispose of contents and container in accordance with local, regional, and national regulations.

## Other hazards Not available

## 3 Composition/Information on ingredients

### Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

### Dangerous components:

999-97-3	1,1,1,3,3,3-hexamethyldisilazane	1-5% w/w *
556-67-2	octamethylcyclotetrasiloxane	1-5% w/w *

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541-02-6	Decamethylcyclopentasiloxane	(Contd. of page 2) 0.1-1% w/w *
22673-19-4	dibutylbis(pentane-2,4-dionato-O,O')tin	0.3-1% w/w *

\* Actual concentration ranges are withheld as a trade secret.

## 4 First-aid measures

### · Description of first aid measures

· **General information:** Immediately remove any clothing soiled by the product.

#### · After inhalation:

Remove person to fresh air and keep comfortable for breathing.

If feeling unwell: Call a POISON CENTRE or doctor.

#### · After skin contact:

Wash with plenty water.

If skin irritation or rash occurs: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse.

#### · After eye contact:

Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

#### · After swallowing:

Rinse mouth.

Do NOT induce vomiting.

If symptoms persist consult doctor.

· **Information for doctor:** Treat symptomatically

### · Most important symptoms and effects, both acute and delayed

See section 11 for additional information.

### · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5 Fire-fighting measures

### · Extinguishing media

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

### · Special hazards arising from the substance or mixture

Not flammable or combustible, but burns if involved in a fire. Produces irritating smoke of unknown toxicity in fires.

Prevent fire-fighting wash from entering waterway or sewer system.

#### · Hazardous combustion products:

ammonia

formaldehyde

Carbon Oxides (COx)

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- **Advice for firefighters**
  - **Protective equipment:** Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation
  - Remove or keep away all sources of extreme heat or open flames.
  - Avoid breathing mist, spray, or vapors.
- **Environmental precautions:**
  - Avoid release to the environment.
  - Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
  - Not readily flowable.
  - Collect in a sealable, chemical-resistant container.
  - Wipe the residues with a paper towel and place dirty towels in container.
  - Use soap and water to remove the last traces of residue.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

## 7 Handling and storage

- **Precautions for safe handling**
  - Ensure good ventilation/exhaustion at the workplace.
  - Wear protective gloves and eye protection.
  - Wash hands and exposed skin thoroughly after handling.
  - Take off contaminated clothing and wash it before reuse.
  - Contaminated work clothing should not be allowed out of the workplace.
  - Obtain, read and follow all safety instructions before use.
  - Avoid breathing fumes or dust.
  - Avoid breathing the fumes, mist, and vapors.
- **Information about protection against explosions and fires:**
  - Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
  - **Storage:**
    - **Requirements to be met by storerooms and receptacles:**
      - Keep in a dry and clean area, away from incompatible substances
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:**
      - Keep receptacle tightly sealed.

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Store locked up.

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· **Specific end use(s)** See section 1.2

## 8 Exposure controls/ Personal protection

· **Control parameters**

· <b>Components with limit values that require monitoring at the workplace:</b>		
<b>999-97-3 1,1,1,3,3,3-hexamethyldisilazane</b>		
WEEL (USA)	STEL: 50 ppm TWA: 10 ppm OARS WEEL, Skin	
<b>556-67-2 octamethylcyclotetrasiloxane</b>		
WEEL (USA)	TWA: 10* ppm *OARS WEEL	

· **Additional information:**

The lists that were valid during the creation were used as basis.  
Refer to the national or regional occupational exposure limit regulation for abbreviations and acronyms.

· **Exposure controls**

· **Appropriate engineering controls** Keep airborne concentrations below exposure limits.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the eyes and skin.

· **Breathing equipment:**

Advice should be sought from respiratory protection specialists.  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.  
If the product is heated or worker has a known allergic reaction, consider using a full mask with organic vapor cartridge or with an independent air supply.

· **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves: EN374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to

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be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Safety glasses or tightly sealed goggles: EN 166

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· Physical state	Solid
· Form:	Pasty
· Color:	Colorless
· Odor:	Ammonia-like
· Odor threshold:	Not determined.
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	Undetermined.
· Flammability:	Non flammable
· Explosion limits:	
· Lower:	Not applicable
· Upper:	Not applicable
· Flash point:	≥110 °C (≥230 °F)
· Auto igniting:	Not determined
· Decomposition temperature:	Not determined.
· pH-value:	Not applicable.
· Viscosity:	
· Kinematic:	Not applicable.
· Dynamic:	Not applicable.
· Solubility in / Miscibility with	
· Water:	Insoluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Vapor pressure:	Not applicable.
· Relative density at 20 °C (68 °F):	1.04
· Vapor density (air=1):	Not applicable.
· Particle characteristics	Not determined.

· **Other information**

· **Important information on protection of health and environment, and on safety.**

· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	Not available

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· <b>Evaporation rate</b>	Not applicable.
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## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Chemically stable at normal temperatures and pressures.
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
No dangerous decomposition products known.  
Hazardous combustion products: see section 5.

## 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**

· <b>LD/LC50 values that are relevant for classification:</b>		
<b>ATE (Acute Toxicity Estimate)</b>		
Dermal	LD50	16,667 mg/kg
Inhalative	LC50/4 h	167 mg/L
<b>999-97-3 1,1,1,3,3,3-hexamethyldisilazane</b>		
Dermal	LD50	300 mg/kg (ATE)
Inhalative	LC50/4 h	3 mg/L (ATE)

- **Primary irritant effect:**
  - **on the skin:** No irritant effect.
  - **on the eye:** Irritating effect.
- **Sensitization:**  
Sensitization possible through skin contact.  
May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** May damage fertility or the unborn child.
- **Specific target organ toxicity - single exposure**  
Based on available data, the classification criteria are not met.
- **Specific target organ toxicity - repeated exposure**  
Based on available data, the classification criteria are not met.

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- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Summary of effects and symptoms by route of exposure**
  - **Eyes:** redness, serious irritation
  - **Skin:** rash, allergic contact dermatitis  
redness, may cause mild irritation
  - **Inhalation:** Low toxicity:  
cough
  - **Swallowed:** Low toxicity:  
irritation
- **Delayed and immediate effects as well as chronic effects from short and long-term exposure**  
Prolonged or repeated exposure may cause skin allergies.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
- **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>	
None of the ingredients is listed.	
· <b>NTP (National Toxicology Program)</b>	
None of the ingredients is listed.	

## 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**

· <b>PBT:</b>	
556-67-2	octamethylcyclotetrasiloxane
541-02-6	Decamethylcyclopentasiloxane
· <b>vPvB:</b>	
556-67-2	octamethylcyclotetrasiloxane
541-02-6	Decamethylcyclopentasiloxane

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- Other adverse effects
- Remark: Harmful to fish

## 13 Disposal considerations

- Waste treatment methods
  - Recommendation: This material and its container must be disposed of as hazardous waste.
- Uncleaned packagings:
  - Recommendation:  
Containers may still present a chemical hazard/ danger when empty.  
Dispose of contents in accordance with all local, regional, national, and international regulations.  
Where possible retain label warnings and SDS and observe all notices pertaining to the product.

## 14 Transport information

· UN-Number	
· DOT/TDG, IMDG, IATA	not regulated
· UN proper shipping name	
· DOT/TDG, IMDG, IATA	not regulated
· Transport hazard class(es)	
· DOT/TDG, ADN, IMDG, IATA	
· Class	not regulated
· Packing group	
· DOT/TDG, IMDG, IATA	Not applicable
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Special precautions for user	Not applicable.
· UN "Model Regulation":	not regulated

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - OSHA Hazard Communication Standard (29 CFR Part 1900)  
The safety data sheet and label comply with HCS 2024.

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· **Hazardous Products Act (R.S.C., 1985, c. H-3)**

The safety data sheet and label comply with the Hazardous Product Act and WHMIS 2023.

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **TLV (Threshold Limit Value)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

· **HMIS-ratings (scale 0 - 4)**

Health = \* 1

Fire = 1

Reactivity = 0

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## · Europe

### · RoHS (Restriction of Hazardous Substances Directive)

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, PBDE's, DEHP, BBP, DBP, or DIBP and complies with European RoHS regulations.

### · WEEE (Waste Electrical and Electronic Equipment Directive)

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

### · Per- and polyfluoroalkyl substances (PFAS)

None of the ingredients is listed.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Regulatory department

· **Contact:** sds@mgchemicals.com

· **Version number of previous version:** 2.03

· **Date of preparation** 06/17/2025

### · Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

· **\* Data compared to the previous version altered.**

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