

**Silicone Sealing Compound - Black –**

Revision date: 16.05.2022

Product code: 1505

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

**1.1. Product identifier**

Silicone Sealing Compound - Black –

UFI: C8GM-5SQE-7J6S-RH7H

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

**Use of the substance/mixture**

Sealing agent.

**1.3. Details of the supplier of the safety data sheet**

|                 |                           |                                |
|-----------------|---------------------------|--------------------------------|
| Company name:   | CTP GmbH                  |                                |
| Street:         | Saalfelder Strasse 35h    |                                |
| Place:          | D-07338 Leutenberg        |                                |
| Telephone:      | +49 (0)36734 230-0        | Telefax: +49 (0)36734 230-22   |
| e-mail:         | msds@bluechemgroup.com    |                                |
| Contact person: | Jens Moeller, Dipl.-Chem. | Telephone: +49 (0)36734 230-19 |
| Internet:       | www.bluechemgroup.com     |                                |

**1.4. Emergency telephone number:** GBK GmbH: +49-(0)6132-84463 (24/7)

**Further Information**

Article Number: 9772

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Regulation (EC) No 1272/2008**

Aerosol 3; H229  
Skin Corr. 1B; H314  
Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**Regulation (EC) No 1272/2008**

**Hazard components for labelling**

Triacetic oxy methylsilane  
Propyltriacetic oxy silane

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

|      |   |
|------|---|
| H229 | Pressurised container: May burst if heated. |
| H314 | Causes severe skin burns and eye damage.    |

**Precautionary statements**

|      |  |
|------|--|
| P101 | If medical advice is needed, have product container or label at hand.                          |
| P102 | Keep out of reach of children.   |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P251 | Do not pierce or burn, even after use.   |

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|                |  |
|----------------|--|
| P280           | Wear protective gloves.  |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.   |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.                           |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER/doctor.   |
| P405           | Store locked up.   |
| P410+P412      | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.   |
| P501           | Dispose of this material and its container to hazardous or special waste collection point.                                       |

**2.3. Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Chemical characterization**

silicones

Aerosols, non-flammable

**Hazardous components**

| CAS No     | Chemical name  | Quantity         |
|------------|--|------------------|
|            | EC No  | Index No         |
|            | REACH No   |                  |
|            | GHS Classification   |                  |
| 4253-34-3  | Triacetic oxy methylsilane                                     | 1 - < 5 %        |
|            | 224-221-9  | 01-2119962266-32 |
|            | Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1; H302 H314 H318 EUH014 |                  |
| 17865-07-5 | Propyltriacetic oxy silane                                     | 1 - < 5 %        |
|            | 241-816-9  | 01-2119966899-07 |
|            | Skin Corr. 1B; H314 EUH071                                     |                  |
| 811-97-2   | 1,1,1,2-tetra fluor ethane                                     | 1 - < 5 %        |
|            | 212-377-0  | 01-2119459374-33 |
|            | Liquefied gas; H280  |                  |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No    | EC No     | Chemical name                            | Quantity  |
|-----------|-----------|--|-----------|
|           |           | Specific Conc. Limits, M-factors and ATE |           |
| 4253-34-3 | 224-221-9 | Triacetic oxy methylsilane               | 1 - < 5 % |
|           |           | oral: LD50 = 2060 mg/kg                  |           |

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Remove affected person from the danger area and lay down.

Change contaminated clothing.

**After inhalation**

Provide fresh air. If victim is at risk of losing consciousness, position and transport on their side.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

In case of skin irritation, seek medical treatment.

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**After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting. Consult physician.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

The following symptoms may occur:  
unconsciousness. Intoxication. vomiting. drowsiness. Headache.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Extinguishing powder.  
Carbon dioxide (CO<sub>2</sub>).  
Water fog.  
alcohol resistant foam.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Swims on the water. Vapours are heavier than air and will spread at floor level.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Cool endangered container in case of fire.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**General advice**

Provide adequate ventilation. Wear suitable solvent-proof protective clothing according to EN 465. Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes.  
Do not breathe gas/fumes/vapour/spray.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3. Methods and material for containment and cleaning up**

**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

**6.4. Reference to other sections**

No data

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Keep only in the original container in a cool, well-ventilated place. Have to care for a good Ventilation at workplace.

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**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.

Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

The floor should be leak tight, jointless and not absorbent. Keep only in the original container in a cool, well-ventilated place. Do not store at temperatures over: 50 °C

Heating causes rise in pressure with risk of bursting.

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**8.2. Exposure controls**

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Wear tightly sealed safety glasses against possible splashes into the eyes.

**Hand protection**

Tested protective gloves are to be worn: FKM (Fluoroelastomer (Viton)).NBR (Nitrile rubber).

**Respiratory protection**

Have to care for a good Ventilation at workplace.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

|                 |                |
|-----------------|----------------|
| Physical state: | Paste          |
| Colour:         | black          |
| Odour:          | characteristic |

**Changes in the physical state**

|                     |                              |
|---------------------|------------------------------|
| Density (at 20 °C): | 1,00- 1,35 g/cm <sup>3</sup> |
|---------------------|------------------------------|

**9.2. Other information**

No data

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No decomposition when used as intended.

**10.3. Possibility of hazardous reactions**

No dangerous reactions are known.

**10.4. Conditions to avoid**

Do not store at temperatures over: 50 °C

Keep away from heat.

**10.5. Incompatible materials**

No information available.

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**10.6. Hazardous decomposition products**

No hazardous decomposition products are known.

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

Based on available data, the classification criteria are not met.

| CAS No    | Chemical name              |                 |         |        |        |
|-----------|----------------------------|-----------------|---------|--------|--------|
|           | Exposure route             | Dose            | Species | Source | Method |
| 4253-34-3 | Triacetic oxy methylsilane |                 |         |        |        |
|           | oral                       | LD50 2060 mg/kg | Rat     |        |        |

**Irritation and corrosivity**

Causes severe skin burns and eye damage.  
Causes serious eye damage.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

**Other information**

No information available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

No information available.

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.  
No information available.

**12.7. Other adverse effects**

No information available.

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**Further information**

Do not allow to enter into surface water or drains.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations**

Do not dispose with household waste.

**List of Wastes Code - residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**List of Wastes Code - used product**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**Contaminated packaging**

Dispose of waste according to applicable legislation.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.2



Classification code: 5A  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Excepted quantity: E0  
 Transport category: 3  
 Hazard No: -  
 Tunnel restriction code: E

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.2



Classification code: 5A  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Excepted quantity: E0

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**Marine transport (IMDG)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.2  
**14.4. Packing group:** -  
Hazard label: 2.2



Marine pollutant: -  
Special Provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, NON-FLAMMABLE  
**14.3. Transport hazard class(es):** 2.2  
**14.4. Packing group:** -  
Hazard label: 2.2



Special Provisions: A98 A145 A167 A802  
Limited quantity Passenger: 30 kg G  
Passenger LQ: Y203  
Excepted quantity: E0  
IATA-packing instructions - Passenger: 203  
IATA-max. quantity - Passenger: 75 kg  
IATA-packing instructions - Cargo: 203  
IATA-max. quantity - Cargo: 150 kg

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No information available.

**14.7. Maritime transport in bulk according to IMO instruments**

No information available.

**SECTION 15: Regulatory information**

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

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**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

Triacetic oxy methylsilane

Propyltriacetic oxy silane

1,1,1,2-tetra fluor ethane

**SECTION 16: Other information**

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

| Classification      | Classification procedure      |
|---------------------|-------------------------------|
| Aerosol 3; H229     | On basis of test data         |
| Skin Corr. 1B; H314 | Bridging principle "Aerosols" |
| Eye Dam. 1; H318    | Bridging principle "Aerosols" |

**Relevant H and EUH statements (number and full text)**

|        |   |
|--------|---|
| H229   | Pressurised container: May burst if heated.         |
| H280   | Contains gas under pressure; may explode if heated. |
| H302   | Harmful if swallowed.                               |
| H314   | Causes severe skin burns and eye damage.            |
| H318   | Causes serious eye damage.                          |
| EUH014 | Reacts violently with water.                        |
| EUH071 | Corrosive to the respiratory tract.                 |

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*