

Safety Data Sheet (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878.

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: RTV silicone sealant (Gasket Maker)

- 1.2. Relevant identified uses of the substance or mixture and uses advised against: It is used for sealing and bonding. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.
- 1.3. Details of the supplier of the safety data sheet

Company: FAI Automotive plc.

Address: Unit H-M, The Chiltern Trading Estate, Grovebury Road, Leighton Buzzard,

Bedfordshire, LU7 4TU

TEL: +44 (0)1525 351800 **Email:** enquiry@faiauto.com

1.4. Emergency telephone number

Emergency telephone number: +44 (0)1525 351800

Intended use: It is used for sealing.

2. Hazards identification

- 2.1. Classification of the substance or mixture:
 - 2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP): No classification for this product.
 - 2.1.2. Additional information: For full text of Hazard- and EU Hazard-statements: see SECTION 16.
- 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

Hazard Pictograms: Not applicable.

Signal Word: Not applicable.

Hazard Statements:

No relevant classification for this product.

Precautionary Statements:

No special requirements.

Response Precautionary Statements:

No special requirements.

Storage precautionary statements:

No special requirements.

Disposal precautionary statements:

No special requirements.

2.3. Other hazards: not found.

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0. 1% or higher.

Information of endocrine disrupting substances: No endocrine disruptors.



3. Composition/information on ingredients

Product description: substance (); preparation/mixture ($\sqrt{}$)

| Ingredients/Components | CAS No. | EC No. | Index No. | % by weight | Classification according to Regulation (EC) No 1278/2008 (CLP). |
|------------------------------------|------------|-----------|---------------|----------------|--|
| Dimethyl poly siloxane | 63148-60-7 | 613-154-4 | Not available | 40-60% | Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified |
| Calcium carbonate | 471-34-1 | 207-439-9 | Not available | 30-40% | Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified |
| Dimethyl silicone | 63148-62-9 | 613-156-5 | Not available | 3-5% | Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified |
| Carbon black | 1333-86-4 | 215-609-9 | Not available | 3-5% | Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified |
| Methyl tributyl ketoxime Silane | 22984-54-9 | 245-366-4 | Not available | 0.2-0.5% | Physical Hazards: not classified Health hazards: not classified Environmental hazards: not classified |

Note: The mixture does not contain endocrine disruptors.



4. First aid measures

4.1. Description of first aid measures:

General notes: No information available.

Following inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Following skin contact: Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention.

Following eye contact: Remove contact lenses if present and easy to do, continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Call a POISON CENTER or doctor/physician if you feel unwell.

Self-protection of the first aider: No special requirement.

- 4.2. Most important symptoms/effects, acute and delayed: Acute effect: Not found. Delayed effect: Not found.
- **4.3. Indication of any immediate medical attention and special treatment needed:** Treat according to symptoms.

5. Fire-fighting measures

5.1. Extinguishing Media

Suitable extinguishing media: Use water spray, dry chemicals, carbon dioxide, foam, dry sand for extinction.

Unsuitable Extinguishing Media: High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

5.2. Special hazards arising from the substance or mixture: The product is not flammable, and has no special danger.

Hazardous combustion products: It may release smoke, carbon monoxide, carbon dioxide and other hazardous gas from thermal decomposition.



5.3. Advice for fire-fighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing).

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

6. Accidental release measures

- **6.1. Personal precautions, protective equipment and emergency procedures:** Use proper personal protective equipment as indicated in Section 8.
- **6.2. Environmental Precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.
- 6.3. Methods and materials for containment and cleaning up:

Small Spill:

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

Large Spill:

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material. Keep away from heat and sources of ignition.

Build up dike or dig pit for collection. Spray fog water to cool down and dilute vapor. Dilute the spilled liquid till it is not combustible. Protect the working staff. Collect the spilled material with explosion-proof pump into an appropriate container and transport the waste to the disposal place.

6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

7. Handling and storage

7.1. Precautions for safe handing:

Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any in compatibilities

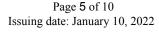
Technical measures and storage conditions: Store it in a well-ventilated, cool and dry store room. Long-time direct sunlight and high temperature. Keep out of the reach of children.

Incompatible materials: No information available.

Packaging materials: Aluminum tube or plastic tube.

Requirements for storage rooms and vessels: Well-ventilated and dry.

Storage class





Further information on storage conditions: The storeroom should be equipped with proper facilities for accidental fire.

7.3. Specific end use(s): It is used for sealing and bonding.

8. Exposure controls/personal protection

8.1. Control parameters:Commission Directive 98/24/EC and related indicative lists: Not set up Exposure Controls:

| Ingredients | COSHH Workplace exposure limits- TWA | OSHA PEL-TWA | ACGIH TLV-TWA |
|--|--|---------------|---------------|
| No ingredients have an exposure limit | Not available | Not available | Not available |

8.2. Exposure controls:

8.2.1. Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Install washer eyes and safety showers near to the handling and storage area.

8.2.2. Personal protection equipment:

Hand protection:

Recommend wearing protective gloves (e.g. rubber gloves).



Eye protection:

Wear safety glasses when liquid may splash.



Respiratory Protection:

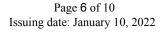
Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Body Protection:

Recommend wearing general working clothing.







General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and broken skin.

8.2.3 Environmental exposure controls:

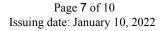
Maintain levels below Community environmental protection thresholds.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| General Information | | |
|---|-------------------------------|--|
| Physical state | Paste | |
| Colour | Gray, black, white, red, blue | |
| Particle characteristics | Even and delicate paste | |
| Odour | Slightly irritating odor | |
| Odour threshold | No data available | |
| рН | No data available | |
| Melting point/freezing point | No data available | |
| Initial boiling point and boiling range | No data available | |
| Flash point | >93 °C (>200 °F) | |
| Evaporation rate | No data available | |
| Flammability (solid, gas) | Non-flammable | |
| Flammable/Explosive Limits-Lower Vol % | No data available | |
| Flammable/Explosive Limits-Upper Vol % | No data available | |
| Vapour pressure | No data available | |
| Vapour density | 1.04 g/cm ³ | |
| Density | 1.40±0.20 g/cm ³ | |
| Solubility (water) | No data available | |
| Partition coefficient: n-octanol/water | No data available | |
| Auto-ignition temperature | No data available | |
| Decomposition temperature | No data available | |
| Kinematic viscosity (mm²/s) | No data available | |
| Explosive properties | No data available | |
| Oxidizing properties | No data available | |

9.2. Other information: Not available.





10. Stability and reactivity

- **10.1. Reactivity:** This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- 10.2. Chemical stability: No information available.
- **10.3. Possibility of hazardous reactions:** The product is not flammable, and has no special danger.
- **10.4. Conditions to avoid:** Long-time direct sunlight and high temperature.
- 10.5. Incompatible materials: No information available.
- **10.6. Hazardous decomposition products**: It may release smoke, carbon monoxide, carbon dioxide and other hazardous gas from thermal decomposition.

11. Toxicological information

11.1. Information on toxicological effects:

Acute toxicity:

| Ingredient (s) | CAS No. | LD ₅₀ /LC ₅₀ (Median lethal dose) | |
|------------------------------------|------------|--|--|
| Dimethyl poly siloxane | 63148-60-7 | No data available | |
| Calcium carbonate | 471-34-1 | Acute toxicity (oral) LD ₅₀ : 6450 mg/kg (rat) | |
| | | Data source: ChemIDplus | |
| Dimethyl silicone | 63148-62-9 | Acute toxicity (oral) LD ₅₀ > 17000 mg/kg (rat) | |
| | | Data source: ChemIDplus | |
| | | Acute toxicity (dermal) : LD ₅₀ >2,000mg/kg (rat) | |
| | | Data source: ChemIDplus | |
| Carbon | 7440-44-0 | Acute toxicity (Oral) LD ₅₀ > 5000mg/kg (rat) | |
| | | Data source: ChemIDplus | |
| Methyl tributyl ketoxime Silane | 22984-54-9 | Acute toxicity (oral) LD ₅₀ : 2260 mg/kg (rat) | |
| | | Data source: ECHA | |
| | | Acute toxicity (dermal) : LD ₅₀ >2,000mg/kg (rat) | |
| | | Data source: ECHA | |
| Classification of the whole produc | t: | Not classified | |
| Skin corrosion/irritation: | | No classification for this product. | |
| Serious eye damage/eye irritati | ion: | Methyl tributyl ketoxime Silane (CAS: 22984-54-9): | |
| | | Category 2 (Data source: ECHA) | |
| | | Classification of the whole product: Not classified | |
| Respiratory sensitizer: | | No classification for this product. | |
| Skin sensitizer: | | Methyl tributyl ketoxime Silane (CAS: 22984-54-9): | |
| | | Category 1B (Data source: ECHA) | |
| | | Classification of the whole product: Not classified | |
| Germ cell mutagenicity: | | No classification for this product. | |
| Carcinogenicity: | | No classification for this product. | |
| Reproductive Toxicity: | | No classification for this product. | |



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Specific target organ toxicity, single

exposure:

Specific target organ toxicity, repeatedMethyl tributyl ketoxime Silane (CAS: 22984-54-9):

exposure: Category 2 (cardiovascular / hematological:

hematopoiesis) (Data source: ECHA)

No classification for this product.

Classification of the whole product: Not classified

Aspiration hazard:

Effects on or via lactation:

No classification for this product.

No classification for this product.

Endocrine disruptor information: The mixture does not contain endocrine disruptors.

12. Ecological information

12.1. Toxicity: No data available for the whole product.

12.2. Persistence and Degradability: No data available for the whole product.

12.3. Bioaccumulative Potential: No information available.

12.4. Mobility in Soil: As it is liquid, it can move in soil.

- **12.5. Results of PBT and vPvB Assessment:** This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0. 1% or higher.
- **12.6. Endocrine disruptor information:** The mixture does not contain endocrine disruptors.
- 12.7. Additional information: No information available.

13. Disposal considerations

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal:

It is recommended to use incineration method to dispose of waste.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Waste codes / waste designations according to LoW

EWC code: 20 01 28

In other countries different conditions might be valid. All national and local laws have to be considered.

13.1.2. Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

13.1.3. Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

13.1.4. Other disposal recommendations: Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

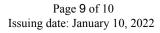
14. Transport Information

ADR and RID / Air-Transportation- IATA DGR/ICAO/Sea-Transportation-IMO/IMDG.:

14.1. UN number or ID number: Not applicable.

14.2. UN proper shipping name: Not regulated.

14.3. Transport hazard class (es): Not applicable.





14.4. Packing group: Not applicable.

14.5. Assigned Pictogram: Not applicable.

14.6. Environmental hazards (Marine Pollutant (Yes/No)): No.

14.7.EMS NO.: Not applicable

14.8. Special precautions for user: Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

14.9. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. Regulatory information

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

The product is classified and labelled according to Regulation (EC)No 1272/2008 and related amending regulations. The safty data sheet, is complied According to Regulation (EU) 2015/830.

Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

Germany - WGK: Not classified.

15.2. Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

Other relevant regulations:

Sara:

Section 355 (extremely hazardous substances): Not listed.

SARA 313: Not listed.

Toxic Substances Control Act (TSCA):

| Ingredient (s) | CAS No. | TSCA Inventory |
|---------------------------------|------------|----------------|
| Dimethyl poly siloxane | 63148-60-7 | Listed |
| Calcium carbonate | 471-34-1 | Listed |
| Dimethyl silicone | 63148-62-9 | Listed |
| Carbon black | 1333-86-4 | Listed |
| Methyl tributyl ketoxime Silane | 22984-54-9 | Listed |

Clean Water Act:

| Chemical Name | CWA - Reportable | CWA - Toxic | CWA - Priority | CWA – |
|----------------------|------------------|-------------|----------------|------------|
| | Quantities | Pollutants | Pollutants | Hazardous |
| | | | | Substances |
| Not applicable | Not applicable | Not listed | Not listed | Not listed |

Carcinogenicity categories: Not listed by ACGIH, IARC and NTP.



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16. Other information

DISCLAIMER:

The data contained herein are furnished for information only and are believed to be reliable. However, FAI Automotive plc does not assume responsibility for any results obtained by persons over whose methods FAI Automotive plc has no control. It is the user's responsibility to determine the suitability of FAI Automotive plc's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of FAI Automotive plc's products. In light of the foregoing, FAI Automotive plc specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of FAI Automotive plc's products. FAI Automotive plc further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

References:

EC No.1907/2006 (REACH) EC No. 1272/2008 (CLP)

Commission Regulation (EU) 2015/830

| For full text of Hazard- and EU Hazard-statements: | |
|--|-----------------|
| Not applicable. | Not applicable. |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| Classification according to Regulation (EC) Nr. 1272/2008 | Classification procedure |
|---|--------------------------|
| Not applicable. | Not applicable. |

Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

ADR:European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA DGR-International Air Transport Association Dangerous Goods Regulations

ICAO-International Civil Aviation Organization

MARPOL-International Convention for the Prevention of Pollution from Ships

IBC Code-International Code for the Construction and Equipment, of Ships Carrying Dangerous Chemicals in Bulk

TSCA-Toxic Substances Control Act

OSHA-Occupational Safety and Health Administration

ACGIH-American Conference of Governmental Industrial Hygienists

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