



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Gasket Maker

01. Identification of the substance/preparation and of the company/undertaking

Product name

Gasket Maker

Use of the substance / preparation

Silicone sealent

Manufacturer/Supplier

SCT-Vertriebs GmbH

Wedel/Hamburg

Street/P.O.Box

Feldstrasse 154

Country code/Postal code/Town/City

22880 Wedel

Contact

email: info@sct-germany.de

Emergency information

+49 4103 1211 0 (08:00 - 17:00 h)

02. Composition/information on ingredients

To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC. Hazardous gasses are set free when processing product. Acetic acid

To the environment

See point 12.

03. Hazard identification

Chemical content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	

Ethyltriacetoxysilane			
1-<5	C	14-34	241-677-4

Methyltriacetoxysilane			
1-<5	C	14-34	224-221-9

For complete wording of the R-phrases, refer to point 16.

04. First-aid measures

4.1 Inhalation

Supply person with fresh air and consult doctor according to symptoms.

4.2 Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.3 Skin contact

Wipe off residual product carefully with a soft, dry cloth.

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Rinse the mouth thoroughly with water.

Call doctor immediately - have Data Sheet available.

4.5 Special resources necessary for first aid

Indications for the physician:

Symptomatic treatment



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05. Fire-fighting measures

- 5.1 Suitable extinguishing media
CO2; Extinguishing powder; Foam Water; jet spray; Cool container at risk with water.
- 5.2 Extinguishing media which shall not be used for safety reasons
High volume water jet
- 5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
In case of fire the following can develop:
Oxides of carbon; Toxic pyrolysis products; Danger of bursting (explosion) when heated
- 5.4 Special protective equipment for fire-fighters
In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply.
According to size of fire Full protection, if necessary
- 5.5 Further information
Dispose of contaminated extinction water according to official regulations.

06. Accidental release measures

- Refer to point 13. and for personal protection refer to point 8.
- 6.1 Personal precautions
Ensure sufficient supply of air. Avoid inhalation, and contact with eyes or skin. If applicable, caution - risk of slipping
- 6.2 Environmental precautions
If leakage occurs, dam up. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system.
- 6.3 Methods for cleaning up
Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.
Or:
Allow product to harden. Collect mechanically and dispose of according to point 13.

07. Handling and storage

- 7.1 Handling
Tips for safe handling:
See point 6.1
Ensure good ventilation. Keep away from sources of ignition - Do not smoke. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use.
- 7.2. Storage
Requirements for storage rooms and containers:
Do not store with oxidizing agents. Not to be stored in gangways or stair wells. Store product closed and only in original packing. Observe special regulations for aerosols!
Special storage conditions:
See point 10
Protect against moisture and store closed. Keep protected from direct sunlight and temperatures over 50°C.
Store in a well ventilated place.

08. Exposure controls/personal protection

Chemical Name	Acetic Acid	content%:
WEL-TWA: 10 ppm (25 mg/m3) (EC)	WEL-STEL: ---	---
BMGV: ---	Other informations: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period)
EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage. ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.



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08. Exposure controls/personal protection

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here. General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Respiratory protection: Normally not necessary. If OES or MEL is exceeded. Filter B E P (EN 14387) Observe wearing time limitations for respiratory protection equipment. Hand protection: Protective gloves in butyl rubber (EN 374). Permeation time (penetration time) in minutes: > 120 Protective hand cream recommended. Eye protection: With danger of contact with eyes. Tight fitting protective goggles with side protection (EN 166). Skin protection: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments) Additional information on hand protection - No tests have been performed. Selection made for preparations according to the best available knowledge and information on the ingredients. Selection of materials derived from glove manufacturer's indications. Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

09. Physical and chemical properties

Physical state:	Paste
Colour:	According to specification
Odour:	Acetic acid
pH-value undiluted:	n.a.
Boiling point/boiling range (°C):	n.av.
Melting point/melting range (°C):	n.av.
Flash point (°C):	n.a.
Oxidising properties:	No
Minimum limit of explosion:	n.a.
Maximum limit of explosion:	n.a.
Vapour pressure:	n.a.
Density (g/ml):	0,98 - 1,25
Water solubility:	Insoluble

10. Stability and reactivity

Conditions to avoid

See point 7

Stable when handled and stored correctly. Protect from humidity. Heating, open flame, ignition sources Pressure increase will result in danger of bursting.

Materials to avoid

See point 7

Water Bases Alcohols Oxidizing agents

Hazardous decomposition products

See point 5.3

When hardening: Acetic acid

11. Toxicological information

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg): n.av.

Inhalation, LC50 rat inhal.(mg/l/4h): n.av.

Skin contact, LD50 rat dermal (mg/kg): n.av.

Eye contact: n.av.

Delayed and chronic effects

Sensitization: n.c.

Carcinogenicity: n.c.

Mutagenicity: n.c.

Reproductive toxicity: n.c.

Narcosis: n.c.

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11. Toxicological information

Further information
 The product was not tested.
 Classification according to calculation procedure.
 The following may occur:
 Irritation of the eyes
 Irritation of the respiratory tract
 Irritation of the skin.

12. Ecological information

The product was not tested.	
Water hazard class (Germany):	1
Self classification:	Yes (VwVwS)
Persistence and degradability:	n.av.
Behaviour in sewage plants:	According to the recipe, contains no AOX.
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
Accumulation:	n.av.

13. Disposal considerations

13.1. for the material / preparation / residue
 EC disposal code no.:
 The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC) 07 02 17 wastes containing silicones other than those mentioned in 07 02 16 08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances 16 05 04 gases in pressure containers (including halons) containing dangerous substances
 Recommendation:
 Pay attention to local and national official regulations; E.g. suitable incineration plant; E.g. dispose at suitable refuse site.
 13.2 for contaminated packing material
 See point 13.1
 Pay attention to local and national official regulations; Recycling; Do not perforate, cut up or weld uncleaned container.

14. Transport information

General statements		
UN-Number:	1950	
Road/Rail-transport (ADR/RID)		
Class/packing group:	2/-	
UN 1950 AEROSOLS		
Classification code:	5A	
LQ:	2	
Tunnel restriction code:	E	
Transport by sea		
IMDG-code:	2.2/-(class/packing group)	
EmS:	F-D, S-U	
Marine Pollutant:	n.a	
AEROSOLS		
Transport by air		
IATA:	2.2/-/-(class/secondary danger/packing group)	
Aerosols, non-flammable		
Additional information:		
Danger code and packing code on request.		



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15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols:

Indications of danger:

R-phrases:

S-phrases:

Additions:

Safety data sheet available for professional user on request.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Observe restrictions:n.a.

VOC (1999/13/EC):0%

16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany):2B

Revised points:3, 5, 7, 9, 11, 12, 13

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 3).

14 Reacts violently with water.

34 Causes burns.

Legend

These details refer to the product as it is delivered.

Revised points: 2, 3, 4, 8, 9, 11, 12, 15, 16

The following phrases represent the prescribed R-phrases / H-phrases (GHS/CLP) for the ingredients (designated in point 3).

11 Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

64 May cause harm to breastfed babies.

50 Very toxic to aquatic organisms.

53 May cause long-term adverse effects in the aquatic environment.

12 Extremely flammable.