

Safety Data Sheet

Quick Gasket

Replaces date: 26/08/2022

Revision date: 04/04/2023

Version: 2.0.0

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

1.1. Product identifier

Trade name: Quick Gasket**Unique Formula Identifier (UFI):** M300-303V-A00M-CHTR

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

Recommended uses: Glue/adhesive

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Kramp UK Ltd
Address: Unit 5
Lancaster Way
Zip code: SG18 8YL
City: Biggleswade
Country: UNITED KINGDOM
E-mail: sales.uk@kramp.com
Phone: +44(0)1767 602 600

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)). The emergency telephone is open 24 hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Aerosol 3;H229**Most serious harmful effects:** Pressurised container: May burst if heated.

2.2. Label elements

Hazard Statements

H229 Pressurised container: May burst if heated.

Precautionary statements

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.
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
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triaceoxyethylsilane	17689-77-9 241-677-4 01-2119881778-15	≤ 3 %		Acute Tox. 4;H302 Skin Corr. 1B;H314 Eye Dam. 1;H318
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Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Inhalation of vapours/spray mist may cause irritation to the upper airways. Irritates mucous membranes in mouth and gastrointestinal tract.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

CAUTION! Aerosol containers may explode. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Oxidisers/ Halogenated compounds.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Stay upwind/keep distance from source. Provide adequate ventilation. Smoking and naked flames prohibited. Wear respiratory protective equipment. Wear safety goggles if there is a risk of eye splash. Wear gloves.
For emergency responders:	In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

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6.2. Environmental precautions

Avoid unnecessary release to the environment.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up drops and splashes with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment.

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Make sure the room is well ventilated. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not expose to heat (e.g. sunlight). Avoid direct sunlight. Store in a well-ventilated area.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Comments
acetic acid ... %	8h	10	25			
acetic acid ... %	15m	20	50			

Legal basis:

EH40/2005 Workplace exposure limits. Last amended January 2020.

DNEL - workers

triacetoxylethylsilane, cas-no 17689-77-9

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	32,5 mg/m ³				
Inhalation DNEL (acute/short-term exposure - local effects)	32,5 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	11.39 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	80.33 mg/m ³				

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DNEL - general population

triacetoxylethylsilane, cas-no 17689-77-9

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Oral DNEL (long-term exposure - systemic effects)	5.7 mg/kg bw/day				
Dermal DNEL (long-term exposure - systemic effects)	5.7 mg/kg bw/day				
Inhalation DNEL (long-term exposure - local effects)	6.5 mg/m ³				
Inhalation DNEL (long-term exposure - systemic effects)	19.81 mg/m ³				

8.2. Exposure controls

Appropriate engineering controls:

Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection:

Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, hand protection:

Wear gloves. Type of material and thickness: Nitrile rubber. 0.4 mm. Penetration time: <4 hours.
Butyl rubber/ Viton. Penetration time: <8 hours.
Gloves must conform to EN 374.
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection:

In case of missing process ventilation: Wear respiratory protective equipment.
Light use (small volume, shortterm contact (below 10 min.)): Filter type: AX.
Medium use (medium volume, medium contact (1-2 hours)): Wear fresh air respiratory protective equipment. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Aerosol
Colour	Black
Odour	Characteristic
Solubility	Insoluble in the following: Water. Soluble in the following: Organic solvents.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	

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Explosion limits	No data	
Flash Point	> 93.3 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	427 kPa	1,3,3,3-Tetrafluoropropylene
Density	1 g/cm ³	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive
Oxidising properties		Non-oxidising.
VOC (Volatile organic compounds):	ca. 2% / 21,2 g/l	

SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Oxidisers/ Halogenated compounds.

SECTION 11: Toxicological information

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

Acute toxicity - oral

triacetoxymethylsilane, cas-no 17689-77-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE		19607.84 mg/kg			

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Ingestion of large quantities may cause discomfort. The product does not have to be classified. Test data are not available.
Spray mist in mouth may irritate mucous membranes in mouth and throat.

Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	May cause slight irritation. The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	Temporary irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	Inhalation is irritating to the upper airways. The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available. No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

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12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment. Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

Category of waste: EWC code: Depends on line of business and use, for instance 16 05 04* gases in pressure containers (including halons) containing hazardous substances
Absorbent/cloth contaminated with the product: EWC code: 15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: 1950**14.2. UN proper shipping name:****14.3. Transport hazard class(es):** 2.2**Hazard label(s):** 2.2**Hazard identification number:****14.4. Packing group:****14.5. Environmental hazards:**

The product should not be labelled as an environmental hazard (symbol: fish and tree).

Tunnel restriction code: E

Inland water ways transport (ADN)

14.1. UN number or ID number: 1950**14.2. UN proper shipping name:** AEROSOLS**14.3. Transport hazard class(es):** 2.2**Hazard label(s):** 2.2**Transport in tank vessels:****14.4. Packing group:****14.5. Environmental hazards:**

The product should not be labelled as an environmental hazard (symbol: fish and tree).

Sea transport (IMDG)

14.1. UN number or ID number: 1950**14.2. UN proper shipping name:** AEROSOLS**14.3. Transport hazard class(es):** 2.2**Hazard label(s):** 2.2**EmS:** F-D, S-U**14.4. Packing group:****14.5. Environmental hazards:****Environmental Hazardous Substance Name(s):**

The product is not a Marine Pollutant (MP).

IMDG Code segregation group: - None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number: Not applicable.**14.2. UN proper shipping name:** Not applicable.**14.4. Packing group:****14.5. Environmental hazards:**

Not applicable.

Not applicable.

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

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions: None.

15.2. Chemical Safety Assessment

REACH Reg. No.	Substance name
01-2119881778-15	triacetoxymethylsilane

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
2.0.0	04/04/2023	Bureau Veritas HSE / SJU	2,3,4,5,8,9,11,12,13,16

Abbreviations:

- DNEL: Derived No Effect Level
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No Effect Concentration
- STOT: Specific Target Organ Toxicity
- vPvB: Very Persistent and Very Bioaccumulative

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

List of relevant H-statements

H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

SDS is prepared by

Company: Bureau Veritas HSE Denmark A/S
Address: Oldenborggade 25-31

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