

Safety data sheet

Tun Sil Gasket 359

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

Prepared on: 11.08.2005/ MBM Replaces: 29-09-2003	Supplier: TUNAP Deutschland Vetriebs GmbH & Co. Betriebs KG Bürgermeister-Seidl-Str. 2 D-82515 Wolfratshausen Tel:08171/16000 Fax:08171/160040
Product use: Aerosol.	

2. Composition/information on ingredients

Einecs no.	Substances	Classification	w/w%
--	oximo silane	Xn; R48/22 R53	1-5
200-857-2	isobutane (containing >= 0.1% butadiene	F+;R12	1-5
202-496-6	2-butanone oxime	Xn;R21 Carc3;R40 Xi;R41 R43	0,1-1

Please see section 16 for the full text of the R-phrases

3. Hazards identification

n.d.a.
Additional information Persons with a known allergy to 2-butanoneoxime may exhibit an allergic response to the product.

4. First aid measures

Inhalation
Ingestion Wash out mouth thoroughly and drink plenty of water. Seek medical advice if symptoms persist.
Skin Remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time.
Eyes Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice if symptoms persist.
Other information Symptoms: See section 11. When obtaining medical advice, show the safety data sheet or label.

5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. CAUTION! Aerosol containers may explode.

6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Provide adequate ventilation. Smoking and naked flames prohibited. Wipe up drops and splashes with a cloth and dispose of the cloth as set out in section 13.
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7. Handling and storage

Handling See section 8 for information about precautions for use and personal protective equipment.
Storage Store 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.

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8. Exposure controls/ personal protection

Precautions for use

Use the product under well-ventilated conditions. Running water and eye wash equipment should be available. Smoking and naked flames prohibited. Wash hands before breaks, before using restroom facilities, and at the end of work.

Respiratory protection

In case of insufficient ventilation, wear respiratory protective equipment with filter ?.

Gloves and protective clothing

Plastic or rubber gloves recommended.

Eye protection

Wear safety goggles if there is a risk of eye splash.

Occupational exposure limits

Ingredients	Exposure limit	Remarks
Isobutan (enthält <= 0.1% Butadien)	1000 ppm 2350 mg/m3	-

Control methods

Compliance with occupational exposure limits may be checked by occupational hygiene measurements

9. Physical and chemical properties

Physical state: Aerosol
Colour: black
Odour: characteristic
Vapour pressure: 6 bar 20 °C
Solubility in water: insoluble

10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions. Avoid heating and contact with ignition sources.

11. Toxicological information

Acute

Inhalation

The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

Ingestion

Spray mist in mouth may irritate mucous membranes in mouth and throat.

Skin contact

May cause slight irritation.

Eye contact

Temporary irritation.

Risk of sensitization

The product contains small amounts of xxxx. Persons with a known allergy may exhibit an allergic response to the product.

Long-term effects

Cancer

The product contains ? which is suspected of causing cancer.

12. Ecological information

Avoid unnecessary release to the environment.

13. Disposal considerations

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility with the specifications set out below.

Aerosol sprays:

EWC code: 16 05 04 Gases in pressure containers containing dangerous substances.

Wiping cloths with organic solvents:

EWC code: 15 02 02 Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

14. Transport information

The product must be transported in accordance with national and/or international rules for transport of dangerous goods by road and sea according to ADR and IMDG.

ADR: UN 1950 ; DRUCKGASPACKUNGEN, ENTZÜNDBARE GASE ; 2.2 ; -

IMDG: UN 1950 ; AEROSOLS ; 2.2 ; -

Classification code: 5A Label ADR: 2.2* Hazard identification number:

Flash point: -°C Label IMDG: 2.2 IMDG EmS.: F-D, S-U

Transport according to ADR 1.1.3.6:Factor: 1. Maximum total quantity each transported unit: 1000 kg.

Limited quantities

ADR: Maximum quantity: 1 L per inner packaging and 30 kg per package for combination packaging. When using shrink or stretch wrapping, the limit is 1 L per inner packaging and 20 kg per package. IMDG:Maximum quantity: ? L per inner packaging and 30 kg per package for combination packaging. When using shrink or stretch wrapping, the limit is 20 kg gross per package (inner packagings must be made of metal or plastic which does not break or perforate easily).

15. Regulatory information

Hazard designation:

Contains

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R-phrases

Extremely flammable. (R12)

S-phrases

Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer). (S23)

Use only in well ventilated areas. (S51)

Other labelling

Contains ????. May produce an allergic reaction. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use. X % by mass of the contents are flammable.

16. Other information

Restrictions on use

None.

Training requirement

No special training is required, but a thorough knowledge of this safety data sheet should be a prerequisite condition.

Line of business

No information on:

Packaging

No information on: Spraydose

Sources used

Mangler oversættelse ADR 2005 edition and IMDG 2004 edition. Approved classification and labelling guide (fifth edition) 2002. Approved Supply List (seventh edition): Information approved for the classification and labelling of substances and preparations dangerous for supply. Chemicals (Hazard Information and Packaging for Supply) Regulations 2002, 29. ATP. EH40/2002 Occupational Exposure Limits 2002. Commission decision as regards the list of wastes 2001/118/EC. Mangler national/EU

Other information

This safety data sheet was prepared from information provided by the supplier about physical/chemical properties and all ingredients in the product.

Full text of the R-phrases in section 2

R12 Extremely flammable.

R21 Harmful in contact with skin.

R40 Limited evidence of a carcinogenic effect.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R53 May cause long-term adverse effects in the aquatic environment.

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