



MATERIAL SAFETY DATA SHEET

MSDS

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

PRODUCT NAME : 404 LIQUID GASKET GROUP MSDS

COMPANY NAME : 404 Kimya San. ve Tic. A.Ş.

Headquarters: Merkez Mahallesi Akçe Sokak Güzle İş Merkezi
No:3 Kat:1 Şile Yolu Shell Benzin İstasyonu Yanı
Çekmeköy/ İSTANBUL
Factory: Organize San. Böl. 102 Ada 7 Parsel
Selimiye Köyü OSMANELİ/ BİLECİK
Headquarters Tel: 0216 642 92 71 Fax: 0216 642 92 75
Factory Tel: 0228 470 00 14

2. HAZARD IDENTIFICATION

2.1 Classification of Substance or Mixture: Not applicable.

Composition is not classified as dangerous according to Directive EEC/67/548, 1999/45/EC and annexes thereof.

2.2 Safety Phrases:

S 1/2: Keep locked up and out of the reach of children.

S 36/37: Wear suitable protective clothing and gloves.

S 46: If swallowed, seek medical advice immediately and show this container or label.

23. Other phrases: Safety warning shows the properties of the adhesive, so it will adhere to skin and other surfaces.

2.4 The effects of exposure to excess amount :

Eye contact: May cause physical damage due to adhesive properties.

Skin contact : May cause local irritation, redness.

Inhalation: Vapors can irritate the nose and may damage upper respiratory tract.

Digestion: May cause irritation in the mouth and digestive system, in the mucous membranes.

3. INFORMATION ABOUT THE COMPOSITION/INGREDIENTS

Definition: A mixture containing non-hazardous additives and the ingredients specified here below. Ingredients	CAS No.	EINECS No.	Conc. (% w/w)	Classification
Tris(acetyloxy)ethylsilane	17689-77-9	241-677-4	1-4%	Xn; R22
Methyltriacetoxysilane	4253-34-3	2 24-221-9	1 - 4%	Xi; R36/37/38

4. FIRST AID

4.1 Inhalation : Move the patient to fresh air if respiratory distress occurs and keep the patient calm. Seek medical assistance.

4.2 In case of skin contact: Wash contaminated part of skin with pressurized running water. Remove contaminated clothing and shoes immediately. If symptoms develop, get medical attention.

4.3 Eye contact : Wash eyes with plenty of water for more than 15 minutes, and seek medical advice.

4.4 If swallowed : Do not induce patient for vomiting. Never give anything by mouth to an unconscious person. Keep patient calm, head down and turned to the left. Immediately seek medical advice.

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media: Use carbon dioxide, dry chemical foam, water spray (interaction with water causes formation of carbon dioxide) for large fires.

5.2 Fire fighting material and tools to be avoided due to safety: No special provisions.

5.3 Special hazards, might be caused by product, and materials or gases formed after its combustion: No special provisions.

5.4 Required protective equipment for firefighters: Face mask or respiratory mask for a safe inhalation and personal protective equipment resistant against chemicals.

5.5 Other measures: Standard procedure for chemical fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire/explosion, do not breathe fumes therein.

6 . ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions: Use protective gloves, work clothing and goggles. Adequate ventilation should be provided. Keep away from sources of ignition.

Smoking is prohibited.

6.2.2. Environmental Precautions: Prevent spilled material from dissemination, flowing, contact with garbage, channels and sewage. If products cause environmental pollution (sewers, waterways, soil or air) inform the relevant competent authorities.

6.2.2. Methods and materials for containment and cleaning up: Stop leakage if no risks are involved. Move containers from spillage area to another area. Absorb with an inert material and place in an appropriate waste disposal container.

7. STORAGE

7.1 Elleçleme: Use in accordance with flammable liquids regulations. Provide good ventilation. Do not burn the product container.

Wear appropriate personal protective equipment (see: Section 8). Eating, drinking and smoking should be prohibited where materials are transferred, stored, and processed. Workers must wash their hands before eating, drinking, or smoking. Avoid skin and eye contact, or do not contaminate clothes. Store in its original packaging or in an alternative packaging made of compatible materials. Container must be tightly sealed when not in use.

Storage: Store in accordance with local legislation. It must be protected from direct sunlight. Store in original packages, in cool and well-ventilated area, at storage temperature of 0-30 °C and away from incompatible materials, foodstuff and beverages. Keep tightly containers closed until they are ready to use and do not remove seals. Opened containers should be closed carefully in a sealed manner and should be kept upwards to prevent leakage. Do not store in unlabeled containers. Use appropriate container to avoid environmental pollution by contamination and accumulation.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Information on system and facility design: No special provisions.

5.1 Components with specific control parameters: Dangerous interaction during evaporation of the product at 20 °C is very small or none.



8.3 Personal Protection :

8.3.1 Respiratory Protection: Respirators must be use in poorly ventilated areas. Fresh air respirators should be used in long-term interaction.

8.3.2. Hand Protection: If necessitated by a risk assessment, water and airtight gloves resistant against chemicals, compatible with an approved standard, should be worn always when working with chemical products. Recommended: Butyl rubber/nitrile rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: GEL

Color : Various

Odor: Light

Relative density (Water = 1): 1,02 g/ml pH (water=7) : Not applicable Boiling Point (water = 100): Not applicable

Freezing point (water=0): Not applicable

Flash Point: Not applicable

Lower explosion limit: Not applicable

Higher explosion limit: Not applicable

Ignition temperature: ± 350

Vapor Pressure : Not applicable

Water miscibility: No

With organic solvents: Yes, miscible

VOC-content: 0,0 Weight-%

10. STABILITY AND REACTIVITY

Hazardous decomposition products: Acetic acid during curing

The materials to avoid contact with: Water, alcohol, and bases

11. POISONING INFORMATION

Product Info Ethylacetoxysilane	Acetic Acid	3-
Oral LD50 (mg/kg): 3310 (rat) contact LD50 (mg/kg) : 1060 (rabbit) Acute Respiration LC50 (mg/l) : 160000 (4h) Unknown Other Information:	Unknown	2415(rat) Skin Unknown

See Section 2 to get more information about hazardous content.

12. ECOLOGICAL INFORMATION

Persistence / degradability: Silicone parts may not be biodegradable.

Ecotoxicity : Unknown

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Not applicable

13.2 Proper disposal Not applicable

13.3 Information on controlled disposal: Send full containers to facilities certified pursuant to waste disposal regulations.

13.4 Disposal in nature: No application.

14. TRANSPORT INFORMATION

Marine Transport IMDG-Code: Not applicable.

Land Transport ADR: Not applicable.

Airfreight ICAO/IATA-DGR : Not applicable.

UN-Number: Not applicable.

15 . REGULATORY INFORMATION

15.1. Guidelines for safety, health and environmental protection / specific legislation for substance or mixture VOC directive VOC content 0%

15.2. Material safety assessments Material safety assessments have not been made for the substances in this preparation.

Labeling-related requirements and EC Directives 67/548/EC and 1999/45/EC

16. OTHER INFORMATION

Recommended uses and restrictions

The current national and local laws relating to chemicals should be taken into consideration.

For professional use only.

For more information

National specific regulations should be applied by the user , each having its own responsibility! The data is based on current knowledge, and is provided for introducing the product in terms of security measures to be taken. The data is not in the nature of a guarantee for product features described.