



## MATERIAL SAFETY DATA SHEET

### MSDS

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

**PRODUCT NAME** : 404 SILICON 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.

**Special hazard for human and environment safety**

**2.2 Information:**

The product does not need to be labeled due to "General Classification Guide Calculation Method" the most recently published EU preparations

**2.3 Labelling Element (Labelling pursuant to EEC directive)**

**Safety phrases**

S1 / 2 Keep locked up and out of the reach of children.

S24 Avoid contact with skin and eyes.

S51 Use only in well-ventilated areas.

**GHS 2.4 Classificataion**

(Additional Regulations (EC VI) Classification, Labelling and Packaging of Hazardous Substances 1272/2008)

**Acute toxicity (Oral):** Category 4 - H302 Harmful if swallowed

**Skin Corrosion/Irritation:** Category 1B - H314 Causes severe skin burns and eye damage



### **3. INFORMATION ABOUT THE COMPOSITION/INGREDIENTS**

<b>Description:</b> A mixture containing non-hazardous additives and the ingredients specified here below.			
<b>Substances</b>			
<b>CAS No.</b>	<b>EINECS No</b>	<b>Cons. (W/ w %)</b>	<b>Classification</b>
Tris (acetyloxy) ethylsilane	17689-77-9	241-677-4 % 1-4	<b>Xn; R2</b>
Methyltriacetoxysilane	4253-34-3	224-221-9 % 1-4	<b>Xi; R36 / 37/38</b>
Distillates (petroleum), hidro-	64742-46-7	265-199-0 % 10-15	<b>Xn; R65</b>

### **4. FIRST AID**

**4.1 General Information** No special measures are required to be taken.

**4.2 Inhalation:** fresh air; seek medical advice in case of complaints.

#### **Skin Contact**

**4.3:** If skin irritation persists, call a physician.

#### **Eye Contact**

**4.4** Keep under running water for a few minutes.

Seek medical advice if symptoms continues after eyelids are open.

### **5. FIRE FIGHTING MEASURES**

#### **5.1 Appropriate Extinguishing Media**

CO2

Powder or water spray. Water spray or alcohol-resistant foam for extinguishing larger fires.

#### **5.2 Protective Equipment** Respirators

### **6 . ACCIDENTAL RELEASE MEASURES**

**6.1 Personal Protection Measures:** Provide adequate ventilation.

**6.2 Environmental Protection Measures:** Do not allow to enter sewers/ surface or ground water.

**6.3 Cleaning / Disposal Methods:** With liquid-binding material (adsorb with sand, diatomite, acid binders, general binders, sawdust).

**6.4 Additional Warnings:** No hazardous substances are released

### **7. HANDLING AND STORAGE**

**For safe use 7.1.1 Information:** Use only in well-ventilated areas.

#### **Fire**

**7.1.2 Information and Protection against Explosions** No special measures are required to be taken.

**7.2 Storage:** there is **no** special requirement:

### 7.2.1 Storage and Container Requirements

Storage in a common repository

7.2.2 Warnings: Not required

About storage conditions

7.2.3 more information: None

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

### **8.1 Personal protective equipment:**

General safety and hygiene measures

Pay attention to adequate ventilation and exhaust means in workshops.

Avoid contact with skin and eyes.

Use protective skin cream

Do not smoke or drink during work

Wash your hands before break or at the end of the work

### **8.2 Hand protection:**

Butyl rubber/nitrile rubber gloves

### **8.3 Eye Protection:**

Safety goggles.

**8.4 Additional Information** wash your hands before eating drinking, smoking and using toilets.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 General Information**

**Form:** Adhesive

**Odor:** Acetic acid

**Color:** In various colors

**Explosive properties:** No

**Specific Weight:** 0,96 - 0,98 gr / cm

3

(- 8.17 lb / gal 8.01)

**Oxidising properties:** No

**Stability:** Stable under normal usage conditions.

## **10. STABILITY AND REACTIVITY**

**10.1 Thermal decomposition / conditions to be avoided:** None if used in accordance with decomposition specifications.

**10.2 Hazardous reactions:** Known hazardous reactions.

**10.3 Hazardous decomposition products:** Acetic acid

## **11. POISONING INFORMATION**

**Ingestion:** Irritating to mouth, throat and stomach.

**Skin contact :** Prolonged and repeated skin contact may cause allergic reactions.

**Eye contact :** Irritating to eyes.

**Other informations:** Inhalation of vapors may irritate mucous membrane in respiratory system , cause coughing, respiratory distress and headache. High amounts can cause asphyxia. Totally cured foam (at least 24 hours) is not toxic or irritant.

## **12. ECOLOGICAL INFORMATION**

### **7.5 Environmental fate and Distribution**

Solid, insoluble in water. No adverse effects are normally expected.

### **12.1 Ecotoxicity**

It is not expected to adversely affect aquatic organisms.

**12.3 Bioaccumulation:** Bioaccumulation potential is not expected.

#### 12.4 Fate and effects in waste water treatment plant

No adverse effects are expected on bacteria.

### **13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods** Not applicable

**13.2 Proper disposal** Not applicable

**13.3 Information on controlled disposal:** Move filled containers to hazardous waste disposal facilities. Dispose cured foam as if disposing plastic waste.

**13.4 Disposal in nature:** No application.

### **14. TRANSPORT INFORMATION**

14.1. UN no.	ADR/RID	IMDG	IATA-DGR
14.2. UN proper shipping name	-	-	-
14.3. Class(es) -	-	-	-
14.4. Packaging Group	-	-	-
14.5. Environmental Hazards	-	-	-
14.6. Special security measures for the user	No information available		
14.7. Mass transportation of goods pursuant to MARPOL Treaty 73/78 Annex II and IBC Code	is not applicable		
Additional Information on transportation.			
Not hazardous according to shipping regulations ADR/RID (GGVSEB), IMDG (GGV Marine), ICAO/IATA-DGR.			

### **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.

### **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.

#### **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. Please note additional information! - Our safety data sheets have been prepared in accordance with the applicable EU directives, WITHOUT regard to the specific national regulations governing hazardous substances and working with chemicals.

H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways

H312, H302 -?

H314: Causes severe skin burns and eye damage

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H335: May cause respiratory irritation

H341: Suspected of causing genetic defects (indicate exposure means, if it is certainly determined that the same hazard of another exposure type is not caused).

H360fd -?-

H370: Causes damage to organs (or name all exposed organs, if they are specified) (indicate exposure means, if it is certainly determined that the same hazard of another exposure type is not caused).