

## SAFETY DATA SHEET

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006

Document No : AG\_YK\_IST\_URUNMSDS\_ING\_0006  
Product Name : 1054 Technoflex Grey, 1054 Technoflex White  
Revision No : 1

Printing Date : 06.01.2020  
Revision Date : 29.06.2010  
Issue Date : 02.02.2005

### 1. IDENTIFICATION OF THE PRODUCT & COMPANY

Product Name : 1054 Technoflex Grey, 1054 Technoflex White  
Fields of Use : Bonding tiles.

#### Company Identification

Manufacturer : KALEKIM Kimyevi Maddeler Sanayi ve Ticaret A.Ş.  
Address : Esenyurt Yolu Uzeri Firuzkoy Avcilar 34325 İSTANBUL – TURKEY  
Telephone Number : +90 212 423 00 18  
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Emergency Telephone Number : +90 212 423 00 18  
E-mail of responsible person for SDS : [msds@kale.com.tr](mailto:msds@kale.com.tr)  
National Poison Center (UZEM) : 114  
European Responsible : Wilhelm Uzunhan  
European Only Representative : Wilhelm Uzunhan  
Address : An der Lohmühle 6 61239 Ober-Mörlen Germany  
Tel : 06002 / 930 362; -363  
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E-Mail : [wilhelm-uzunhan@t-online.de](mailto:wilhelm-uzunhan@t-online.de)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	EC No.	Substance Name	Concentration (%)	Symbols	R Phrases
65997-15-1	266-043-4	Portland Cement	30 - 45	Xi	R37/38, R41, R43
544-17-2	208-863-7	Calcium Formate	0,5 – 5,0	Xi	R41,R36

### 3. HAZARD IDENTIFICATION

#### Physical and Chemical Hazards



Xi: Irritant

#### Hazards for Human Health

**R36/37/38:** Irritating to eyes, respiratory system and skin

**R41:** Risk of serious damage to eyes

**R43:** May cause sensitisation by skin contact.

#### Environmental Hazards

This preparation is not classified as dangerous to environment according to the EC Directive 1999/45/EC.

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### 4. FIRST-AID MEASURES

#### General Information

In case of adverse health effects, seek medical advice.

#### Contact with Eyes

Remove any contact lenses and open the eyelid(s) widely to flush eye(s) immediately by thoroughly rinsing with plenty of running water for at least 45 min. and seek medical advice. If possible, use isotonic water (0,9% NaCl).

#### Contact with Skin

Rinse immediately with plenty of running water and possibly with soap.

#### Inhalation

Move fresh air. Should the patient feel unwell, seek medical advice.

#### Ingestion

Wash the mouth thoroughly and drink plenty of water. Do not induce vomiting. Get immediate medical attention.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Foam, CO<sub>2</sub>, powders

#### Extinguishing media which must not be used for safety reasons

Water jet.

#### Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire will produce dense black smoke.

#### Special Protective Equipment for Fire Fighters

No special equipments required.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

Exclude non essential personal. Use appropriate protective equipment.

#### Environmental Precautions and Methods for Cleaning Up

Recover the product immediately. Collect in a metal or plastic container and seal, dispose of all wastes in accordance with local regulations. After the product has been recovered, rinse the area and materials involved with water.

### 7. HANDLING AND STORAGE

#### Handling

Use in well ventilated area. Avoid contact with skin and eyes. Ensure adequate ventilation and do not inhale the dust. Do not eat, drink or smoke during the application. Use suitable personal protective equipment.

#### Storage

Storage area should be cool and dry. Always keep the containers tightly closed. Store according to label precautions.

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### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Exposure Limit Values

Exposing to dust above limits may cause silicosis.

#### Occupational Exposure Controls

##### Respiratory Protection

There is no need for a protection in well ventilated areas. If dust concentration above 0,23 mg/m<sup>3</sup>, wear suitable respirator.

##### Eye Protection

Use safety goggles that are consistent to EN 166.

##### Hand Protection

Use safety gloves that are consistent to EN 374.

##### Skin Protection

Use cotton or cotton/synthetic clothing that provides comprehensive protection to the skin. Grossly contaminated clothing should be removed and the skin washed with soap and plenty of water.

##### Environmental Exposure Controls

For environmental controls see Section 6.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Grey/White Powder
Odour	: Slightly, typical of cement
pH	: 8.5 - 9.5
Vapor Pressure (mmHg) @ 20 °C	: N/A
Boiling Point	: N/A
Flash Point	: N/A
Autoflammability	: N/A
Explosive Properties	: N/A
Oxidizing Properties	: N/A
Relative Density	: 1.3-1.65
Water Solubility	: <5g/l
Lipid Solubility	: Insoluble
Partition Coefficient (n-octanol / water)	: N/A
Evaporation Rate (butil acetate=1)	: N/A

### 10. STABILITY AND REACTIVITY

#### Stability

Stable under recommended storage and handling conditions.

#### Conditions to Avoid

Avoid humidity.

#### Materials to Avoid

Acids, alcohols, amines, alkalis, strong oxidizing agents, water, galvanized metals, copper and its alloys. Uncontrolled use of aluminium powder in wet cement should be avoided as hydrogen produced.

#### Hazardous Decomposition Products

When exposed to high temperatures such as in fire, it may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and hydrocarbons.

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### 11. TOXICOLOGICAL INFORMATION

Direct eye-contact with product may cause corneal damage, irritation or inflammation. Inhaling dust of product may cause chronic-lung disease. Wet product in contact with skin may raise eczema, irritation or inflammation. A causal association between product exposure and cancer has not been established.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

When reaction with large amount of water, pH value increases.

#### Mobility

There are no data available on the preparation itself.

#### Persistence and Degradability

There are no data available on the preparation itself.

#### Accumulation

There are no data available on the preparation itself.

#### Other Adverse Effects

There are no data available on the preparation itself.

### 13. DISPOSAL CONSIDERATIONS

The product should not be allowed to enter drains or watercourses or to be deposited where it can affect ground or surface waters. Disposal of waste and empty packages should comply with the local and national regulations.

### 14. TRANSPORT INFORMATION

Not classified as dangerous according to transportation.

#### Road Transport (ADR)

Non hazardous goods

#### Rail Transport (RID)

Non hazardous goods

#### Inland Waterways Transport (ADNR)

Non hazardous goods

#### Marine Transport (IMDG)

Non hazardous goods

#### Air Transport (ICAO/IATA)

Non hazardous goods

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### 15. REGULATORY INFORMATION

In accordance with the Directives 67/548/EEC and 1999/45/EC the product is labeled as follows:

#### Symbol letter(s) and indication(s) of danger



Xi: Irritant

#### Contains

Portland Cement and Calcium Formate

#### R Phrases

**R36/37/38:** Irritating to eyes, respiratory system and skin

**R41:** Risk of serious damage to eyes

**R43:** May cause sensitisation by skin contact.

#### S Phrases

**S2:** Keep out of the reach of children.

**S22:** Do not breathe dust

**S24/25:** Avoid contact with skin and eyes.

**S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S36/37/39:** Wear suitable protective clothing, gloves and eye/face protection.

**S46:** If swallowed, seek medical advice immediately and show this container or label.

### 16. OTHER INFORMATION

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.