	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	1/7

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

### 1.1. Product Identifier

Substance Name : Calcium Sulfate Hemihydrate  
EC No. : 231-900-3  
REACH Registration No. : 01-2119444918-26-XXXX  
CAS No. : 7778-18-9  
Commercial Name : Satin Surface Finishing Plaster  
Molecular Formula :  $\text{CaSO}_4 \cdot 1/2 \text{H}_2\text{O}$

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

It's mixed with a constant amount of water to get a homogeneous mixture. This mixture is used for last layer for plaster.

### 1.3. Details of the Supplier of the Safety Data Sheet


Company Name : GİPS Geliştirilmiş İnşaat Malzemeleri ve Perlitli Sıva San. Tic. A.Ş.

Head Office: İlkbahar mah. 606.sok. No:7  
Oran /Çankaya/Ankara/Turkey  
Tel: +90 312 287 70 00  
Fax: +90 312 287 98 38

Ankara Plant: Dürmetepe Mevkii, Çavuşlu Köyü  
PK: 06890  
Bala/ANKARA/ TURKEY  
Tel: +90 312 887 91 00  
Fax: +90 312 887 90 90

Mersin Plant: Atalar Mah., Çiçekli Caddesi, No:106  
Yenice/Tarsus/MERSİN/ TURKEY  
Tel: +90 324 651 29 39  
Fax: +90 324 651 29 45

e-mail [ceyda.gazioglu@alcibay.com](mailto:ceyda.gazioglu@alcibay.com)

 GIPS GELİSTİRİLMİŞ İNŞAAT MALZEMELERİ VE PERİFERİ SANAYİ	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	2/7

#### Tek Temsilci Bilgileri

REACH Global Services S.A. (RGS),  
İstanbul / Türkiye Ofis  
Dış Ticaret Kompleksi - A Blok  
34197 Yenibosna - Bahçelievler  
Tel: +90 (212) 454 06 22  
Fax: +90 (212) 454 00 99  
e-mail: ece@reach-gs.eu

#### 1.4. Emergency Telephone Number

Only available during office hours. +90 312 287 70 00

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture


- 2.1.1.** December 26, 2008 and numbered 27092 Classification of Hazardous Substances and Preparations , Packaging and Labelling Regulations ,and  
**2.1.2.** 1999/45 / EC and 67 /548 / EEC according to Directive not classified as hazardous.

### 2.2. Label elements

**Risk Phrases** : This product is not classified according to EU legislation  
**Product Use** : Construction material

### 2.3. Other Hazards

Based on the substance information, the mixture is not expected to meet the criteria for (EC) No 1907/2006 Annex XIII vPvB.  
Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat. Fine dust clouds may form from explosive mixture with air.

	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	3/7

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Description of the mixture: Mixture of Calcium Sulfate, Calcium Carbonate and Methyl Cellulose

Cas No	EC No	REACH Registration No.	Concentration	Name	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1278/2008 (CLP).
7778-18-9	231-900-3	01-2119444918- 26-XXXX	85-90 %	Calcium Sulfate	-	-
1317-65-3	207-439-9	-	6,5-7,5 %	Calcium Carbonate	-	-
9004-34-6	232-674-9	-	0,38-0,46 %	Methyl Ethyl Cellulose	-	-
68439-57-6	207-439-9	-	0,003-0,004 %	Sodium Salts		
87-69-4	201-766-0	-	0,14-0,19 %	Tartaric Acid	-	-

And See section 16 for the full text of the H statement and R phrases declared above.

### 4. FIRST AID MEASURES


#### 4.1. Description of first aid measures

**Inhalation:** Remove the person to fresh air. If there is trouble in breathing, oxygen should be given, medical care should be taken.

**Ingestion:** Wash mouth out and make person drink plenty of water. Do not make person vomit, until medical authority say. If there is consciousness lost, do not give anything from mouth.

**Skin Contact:** Wash with plenty of water. Apply softener cream and bandage. Clean the contaminated clothes before using again.

**Eye contact:** If there is contact lens, remove, check and clean it. Wash with plenty of water at least 15 minutes. If necessary take medical advice.

	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	4/7

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

**Inhalation** : Cough as a result of respiratory tract irritation

**Ingestion** : -

**Skin** : -

**Eyes** : Redness and irritation

#### 4.3. Indication Of Immediate Medical Attention And Special Treatment Needed

Not have situation that indication of immediate medical attention and special treatment

### 5. FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media:-

#### 5.2. Special hazards arising from the substance or mixture: -

#### 5.3.5.3 Advice for firefighters: Nonflammable

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Pick up solid material to appropriate waste container by using appropriate tools. Keep the product concentration under the permitted limit values by providing appropriate general and local ventilation.

Do not wash the ground with water to avoid very slippery floor. If it mixes with water, prevent its contaminating to drains, watercourses and earth.

##### 6.1.2. For Emergency Responders

Use personal protection equipment which as specified section 8.


#### 6.2. Environmental precautions

Do not spilled drains and watercourse for congestion avoidance

#### 6.3. Methods and material for containment and cleaning up

**6.3.1. For containment:** Block air flow and ventilation and block raise dust. For big spill cluster around with inert material like pool shaped.

**6.3.2. For cleaning up:** Do not use water. Sweep that least dust, fill the bag and muzzle, send to waste area.

	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	5/7

## 7. HANDLING AND STORAGE

### 7.1. Precautions For Safe Handling

#### 7.1.1. Protective measures

For block dust generation providing appropriate general and local ventilation.

#### 7.1.2. Advice On General Occupational Hygiene

Do not keep drinks and food in the work area.

Wash contact surface (hand, face, etc. ) after use.

Leave your protective equipment and work wear before pass refectory.

### 7.2. Conditions For Safe Storage, including Any incompatibilities

Bagged products are supplied on pallets or in big conservation bags (which are called as bigbags). Pallets or bigbags should be lifted with a fork lift truck, and they should not stacked more than 3 rows for preserving the stability. They should be stored in a clean dry environment.Storage with wet material is not applicable.

**Packaging materials:** Storage in original packing . Prevent empty product bags to contact with heat, spark and flame.

**7.3. Specific end use(s):**Use for first layer plaster.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

**Turkey** : No exposure limit value known.

**Germany** : (Ausschuss für Gefahrstoffe) 6 mg /m3

**Bulgaria** : No exposure limit value known.

**Romania** : No exposure limit value known.


**The Netherlands** : (Grenswaarden Spanje) 10 mg /m3

**NIOSH** : TWA 10 mg/m3 (total ) TWA 5 mg/m3 (respiration)

**OHS** : TWA 15 mg/m3 (total) TWA 5 mg/m3 (respiration)

### 8.2. Exposure controls

**8.2.1. Appropriate Engineering Controls:** Keep the product concentration under the permitted limit values by providing appropriate general and local ventilation.

 <small>GELİSTİRİLMİŞ İNŞAAT MALZEMELERİ VE PERİFERİ SANAYİ</small>	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	6/7

## 8.2.2. Personal Protection Equipment:

### 8.2.2.1. Eye and face protection



If there is formation of dust, safety goggles appropriate to BS EN 166 2A5 are recommended.

### 8.2.2.2. Skin protection



**Hand:** Impermeable gloves are recommended in prolonged or repeated wet contact. A protective hand cream may be applied to reduce the effect of hand contact.



**Skin:** Recommended wear protected cloth for long lasting or wet contact


### 8.2.2.3. Respiratory Protection



The work area requires appropriate ventilation. Dust formation should be minimized and controlled. If dust formation cannot be controlled, a half face mask appropriate to EN 149 Class FFP2S must be worn.

## 8.2.3. Environmental exposure controls:

Recommended storage closed area for avoid contaminating rivers and sewer system.

	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	7/7

## 9. PHYSICAL and CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance:</b>	White Powder
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not Determined
<b>Ph(% 62 water/plaster mixture) :</b>	13
<b>Melting point / Freezing point:</b>	1460°C
<b>Initial boiling point and boiling range:</b>	Not Determined
<b>Flash point:</b>	Not Determined
<b>Evaporation rate:</b>	Not Determined
<b>Flammability:</b>	Not Determined
<b>Upper/lower flammability or explosive limits:</b>	Not Determined
<b>Vapor pressure:</b>	Not Determined
<b>Vapor density:</b>	Not Determined
<b>Relative density:</b>	2,964
<b>Solubility(ies):</b>	2,7 g/l 20 °C
<b>Partition coefficient: n-octanol/water:</b>	Not Determined
<b>Auto-ignition temperature:</b>	Not Determined
<b>Decomposition temperature:</b>	Not Determined
<b>Viscosity:</b>	Not Determined
<b>Explosive properties:</b>	Not Determined
<b>Oxidizing properties:</b>	Not Determined

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No hazardous reaction.

### 10.2. Chemical stability


No known hazardous reactions.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

-

	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	8/7

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Calcium Sulfate

##### **Acute toxicity**

*Oral toxicology (LD50):* 6083 mg /kg body weight

*Dermal:* No applicable data. No known significant effects or critical hazards.

*Inhalation:* No applicable data. No known significant effects or critical hazards.

##### **Skin corrosion/irritation**

No applicable data. No known significant effects or critical hazards.

##### **Serious eye damage/irritation**

No applicable data. No known significant effects or critical hazards.

##### **Respiratory or skin sensitization**

No applicable data. No known significant effects or critical hazards.

##### **Germ cell mutagenicity**

No applicable data. No known significant effects or critical hazards.

##### **Carcinogenicity**

No applicable data. No known significant effects or critical hazards.

##### **Reproductive toxicity**

No applicable data. No known significant effects or critical hazards.

##### **Summary of evaluation of the CMR properties**

No applicable data. No known significant effects or critical hazards.

##### **STOT-single exposure**

No applicable data. No known significant effects or critical hazards.

##### **STOT-repeated exposure**

No applicable data. No known significant effects or critical hazards.


##### **Aspiration hazard**

No applicable data. No known significant effects or critical hazards.

##### **Other information**

No applicable data. No known significant effects or critical hazards.



	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	9/7

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### *Acute (short-term) toxicity*

No applicable data. No known significant effects or critical hazards.

#### *Chronic (long-term) toxicity*

No applicable data. No known significant effects or critical hazards.

### 12.2. Persistence and Degradability

No applicable data. No known significant effects or critical hazards.

### 12.3. Bio accumulative Potential

No applicable data. No known significant effects or critical hazards.

### 12.4. Mobility in Soil

No applicable data. No known significant effects or critical hazards.

### 12.5. Results of PBT and vPvB assessment

Based on the substance information, the mixture is not expected to meet the criteria for PBT/vPvB.

### 12.6. Other Adverse Effects

No known adverse effects.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### 13.1.1 Product / Packaging disposal:

Wastes of product is not classified as “waste” according to “Waste Management Regulations Concerning the General”. It should not be disposed of with household waste.

Packing wastes of products is not classified as “dangerous waste” according to “Waste Management Regulations Concerning the General”. Waste may be sent for recycling.

#### 13.1.2 Waste treatment-relevant information


-

#### 13.1.3 Sewage disposal-relevant information:

Waste product mixing swage system must be avoided. If mix swage system it will be blocking swage.

#### 13.1.4 Other disposal recommendations:

-

	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	10/7

## 14. TRANSPORT INFORMATION

Regulation Information	14.1. UN Number	14.2. UN Proper Shipping Name	14.3. Transport Hazard Class	14.5. Packing Group
ADR	-	Non-regulated	-	-
RID	-	Non-regulated	-	-
ADN/ADNR	-	Non-regulated	-	-
ICAO/IATA	-	Non-regulated	-	-
IMO/IMDG	-	Non-regulated	-	-

### 14.5. Environmental hazards

Environmentally hazardous and/or marine pollutant: No

### 14.6. Special precautions for user

Not Applicable

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code"

Not Applicable

## 15. REGULATORY INFORMATION

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

#### EU regulations

SEVESO Directive 2012/18/EU : Not Listed

REACH Annex XVII : Not Listed

Biocides – Annex I 98/8/EC : Not Listed


#### Directive 2008/105/EC on

environmental quality standards : Not Listed

The VOC Solvents Directive 1999/13/EC : Not Listed

#### National regulations

Classification, packaging and labelling of dangerous substances : Not Listed

	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
		Yayın Tarihi :	03.06.2013
		Revizyon Tarih/No:	09.05.18/02
		Sayfa No:	11/7

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### 15.3. Hazard statements

H335 – May cause respiratory irritation.

### 15.4. Precautionary statements

P232 – Protect from moisture.

P281 – Use personal protective equipment as required.

## 16. OTHER INFORMATION

This product is Gips Aş. and subsidiary commercial brand.

This Product is not classified dangerous according to 1999/45/EC and annex.

Full text of abbreviated H statements: -

Full text of classification (CLP) : -

REACH

History

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