 GELİŞTİRİLMİŞ İNŞAAT MALZEMELERİ VE PERLİTLİ SIVA SAN. TİC. A.Ş.	<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 : Professional Spray Plaster (Machine 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 plastering concrete, brick and brick light surfaces apply with spray machine.

1.3. Details of the Supplier of the Safety Data Sheet


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

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Tek Temsilci Bilgileri

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Tel: +90 (212) 454 06 22
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e-mail: tugce@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 mixture



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation

Hazard pictograms



GHS05 corrosion

Signal word Danger

Hazard-determining components of labelling:

calcium dihydroxide


Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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	75-80 %	Calcium Sulfate	-	-
1305-62-0	215-137-3	-	10-15 %	Calcium Hydroxide	H315-H318	-
1317-65-3	215-279-6	-	6,5-7,5 %	Calcium Carbonate	-	-
87-69-4	201-766-0	-	0,03-0,06 %	Tartaric Acid	-	-
9004-34-6	232-674-9	-	0,20-0,25 %	Methyl Ethyl Cellulose	-	-


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.

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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.

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

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- 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.

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)

OHSA : TWA 15 mg/m3 (total) TWA 5 mg/m3 (respiration)

 <small>GİRİTİMİNDİ İNŞAAT MALZEMELERİ VE PERAKENDE İŞİ SANATİ A.Ş.</small>	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
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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.

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.

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9. PHYSICAL and CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	White Powder
Odor:	Odorless
Odor threshold:	Not Determined
Ph(% 62 water/plaster mixture) :	13
Melting point / Freezing point:	1460°C
Initial boiling point and boiling range:	Not Determined
Flash point:	Not Determined
Evaporation rate:	Not Determined
Flammability:	Not Determined
Upper/lower flammability or explosive limits:	Not Determined
Vapor pressure:	Not Determined
Vapor density:	Not Determined
Density:	650-700 g/L
Solubility(ies):	2,7 g/l 20 °C
Partition coefficient: n-octanol/water:	Not Determined
Auto-ignition temperature:	Not Determined
Decomposition temperature:	Not Determined
Viscosity:	Not Determined
Explosive properties:	Not Determined
Oxidizing properties:	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

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 <small>GİRİŞİMİMLİK İNŞAAT MALZEMELERİ VE PERAKETİLERİ SAN. TİC. A.Ş.</small>	<h1>Safety Data Sheet</h1> <p>In accordance with EC NO 1272/2008 Regulation</p>	Doküman No :	FRM-16
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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.

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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

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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:

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Classification, packaging and labelling of dangerous substances	: Not Listed
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15.2. Chemical Safety Assessment

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

15.4. Precautionary statements

P232 – Protect from moisture.

P281 – Use personal protective equipment as required.

16. OTHER INFORMATION

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

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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