

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.08.2023

Version number 1

Revision: 25.08.2023

1 Identification of the substance/mixture and of the company/undertaking

Product identifier**Trade name** Supraduro MC70Q**Safety data sheet no.:** BPI 007**Relevant identified uses of the substance or mixture and uses advised against**

The product is intended for industrial or professional use.

Application of the substance / the mixture Gypsum plaster**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

SAINT-GOBAIN FORMULA

Gypsum Metropolitan Tower - 539/2 Si Ayutthaya Road,

Ratchathewi 10400 Bangkok,

Thailand

+66(0)2 248 7951

msds-formula@saint-gobain.com

Emergency telephone number:

Austria +43 1 406 43 43 (24 hrs)

Belgium +32 70 245 245 (24 hrs)

Bulgaria +359 2 9154 378/+359 887 435 325 (24 hrs)

China +86 10 660 981 14 (24 hrs)

Czechia (Czech Republic) +420 22 49 192 93 (24 hrs)

Denmark +45 82 12 12 12 (24 hrs)

Finland +358 9 471977 (24 hrs)

France +33 (0)1 40 05 48 48 (24 hrs)

Germany +49 30 192 40 (24 hrs)

Greece +30 21 07 79 37 77 (24 hrs)

Hungary +36 80 20 11 99 (24 hrs)

India +91 112 659 36 77 or +91 112 658 93 91 (24 hrs)

Indonesia +62 813 1082 6879 (24 hrs)

Ireland +353 1 809 2166 (24 hrs)

Morocco +212 537 68 64 64 / 0801 000 180 (24 hrs)

Netherlands +31 (0)30 274 88 88 (24 hrs)

Northern Ireland 844 892 0111 (24 hrs)

Norway +47 22 59 13 00 (24 hrs)

Portugal 808 250 143 (national callers) (24 hrs)

Romania +402 212 106 282 (24 hrs)

Saudi Arabia 937; 800 442 8800 (national callers) (24 hrs)

Spain +34 91 562 0420 (24 hrs)

Switzerland +41 44 251 51 51 (in Switzerland dial 145) (24 hrs)

Thailand 1367, Line ID poisrequest (national callers) +66 (0)220 11084-6 (24 hrs)

Tunisia +216 1 335 500 (24 hrs)

Turkey +90 0312 433 70 01 or 0 800 314 7900 (24 hrs)

UK 844 892 0111 (24 hrs)

USA 1 800 222 1222 (24 hrs)

Vietnam +84 (0)243 869 3731, ext 6821 (08.00-17.00 Monday-Friday)

2 Hazards identification

Classification of the substance or mixture

Acute Tox. 5 H303 May be harmful if swallowed.

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Label elements**GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms Void**Signal word** Warning**Hazard statements**

H303 May be harmful if swallowed.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P312 Call a POISON CENTER/doctor if you feel unwell.

Additional information:

This Safety Data Sheet is provided by the supplier on a voluntary basis according to the Article 32 of the Regulation (EC) No 1907/2006 (REACH).

Other hazards**Results of PBT and vPvB assessment****PBT:** Does not contain PBT substances.**vPvB:** Does not contain vPvB substances.

3 Composition/information on ingredients

Chemical characterisation: Mixtures**Description:** Mixture of substances without any hazardous components**Dangerous components:**

CAS: 7778-18-9	calcium sulphate, different hydrate levels CaSO ₄ x n H ₂ O (n = 0; 1/2;	75-100%
EINECS: 231-900-3	2)	
	Acute Tox. 5, H303	

SVHC Void

4 First aid measures

Description of first aid measures**General information**

No special measures required.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation Supply fresh air; consult doctor in case of complaints.**After skin contact** Rinse with warm water.**After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse liquid should be tempered (20-30°C).

After swallowing Seek medical treatment.**Information for doctor****Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

Extinguishing media**Suitable extinguishing agents**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Use foam, carbon dioxide, dry powder or water fog to extinguish.

Special hazards arising from the substance or mixture No further relevant information available.**Advice for firefighters****Protective equipment:** No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Not required.**Environmental precautions:** No special measures required.**Methods and material for containment and cleaning up:** Pick up mechanically.**Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling**Precautions for safe handling**

No special measures required.

Provide suction extractors if dust is formed.

Information about fire - and explosion protection: No special measures required.**Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.**Further information about storage conditions:** Protect from humidity and water.**Specific end use(s)**

The product is intended to be used according to point 1.2. No other use is recommended.

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see section 7.

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Control parameters**Ingredients with limit values that require monitoring at the workplace:**

DNELs		
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO ₄ x n H ₂ O (n = 0; 1/2; 2)		
Oral	Derived No Effect Level	1.52 mg/kgxday (consumer systemic long term value) 11.4 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	21.17 mg/m ³ (worker systemic long term value) 5,082 mg/m ³ (worker systemic short term value) 5.29 mg/m ³ (consumer systemic long term value) 3,811 mg/m ³ (consumer systemic short term value)

CAS No. / Designation of material / % / Type / Value / Unit

CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO ₄ x n H ₂ O (n = 0; 1/2; 2)	
PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 10* mg/m ³ *as inhalable fraction

Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Ensure adequate ventilation during use.

Wash hands before breaks and at the end of work.

Respiratory protection: Not required.**Protection of hands:** Not required.**Eye protection:** Not required.**Body protection:** Protective work clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties**General Information****Appearance:**

Form:	Powder
Colour:	White
Odour:	Odourless
Odour threshold:	Not determined.

pH-value at 20 °C: 6-8**Change in condition****Melting point/freezing point:** ~1,450 °C (DIN ISO 3016)**Initial boiling point and boiling range:** Undetermined.**Flash point:** Not applicable

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Flammability (solid, gas):	Product is not flammable.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Oxidising properties	Not determined.
Vapour pressure:	Not applicable.
Density at 20 °C:	2.31-2.97 g/cm ³ (DIN 51757) Not applicable.
Bulk density:	700-1,100 kg/m ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with Water at 20 °C:	2.4 g/l
Segregation coefficient (n-octanol/water) log Pow:	Not determined.
Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
Solvent content:	
EU-VOC (%)	0.0000 %
EU-VOC (g/L)	0.0000 g/l
Solids content:	100.0 %
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity No further relevant information available.

Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

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11 Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)			
Oral	LD50	>2,000 mg/kg	(Rat)

Primary irritant effect:

Skin corrosion/irritation No irritant effect known.

Serious eye damage/irritation No irritating effect known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information

Toxicity

Aquatic toxicity: Not classified as harmful to aquatic life

Type of test / Effective concentration / Method / Assessment
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)
LC50/48h 79-1,970 mg/l (Daphnia magna)
LC50/96h 79-2,980 mg/l (Fish)
EC50/72h >79 mg/l (Selenastrum capricornutum (Green algae))

Persistence and degradability No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)
EC 50 (3h) >1,000 mg/l (Activated sludge)

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

Other adverse effects No further relevant information available.

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13 Disposal considerations

Waste treatment methods

Recommendation

Dispose of the product in accordance with national and local regulations.
Contact waste processors for recycling information.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Thoroughly shake out sacks.

14 Transport information

UN-Number ADR, IMDG, IATA	Void
UN proper shipping name ADR, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
UN "Model Regulation":	Void

15 Regulatory information

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

GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms Void

Signal word Warning

Hazard statements

H303 May be harmful if swallowed.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H303 May be harmful if swallowed.

Department issuing SDS: Technical Services**Contact:**

+ 44 (0) 1636 670230

msds-formula@saint-gobain.com

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 5: Acute toxicity – Category 5

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