

1 Identification

Product identifier

Trade name: 87/699Gx - Plaster

Other means of identification

This safety data sheet pertains to the following products:

Article No. 87G1: Synthetic Plaster

Article No. 699G2: Stucco Plaster

Article No. 699G4: Alabaster Modeling Plaster

Recommended use and restrictions on use

General use: Plaster for orthopedic procedures.
Reserved for industrial and professional use.

Initial supplier identifier

Company name: Otto Bock HealthCare Canada Ltd.

Street/POB-No.: 5470 Harvester Road

Postal code, city: Burlington, ON L7L 5N5, CA
Canada

WWW: www.ottobock.ca

Email: info.canada@ottobock.com

Telephone: (800) 665-3327

Telefax: (800) 463-3659

Department responsible for information:

Mark Agro, Telephone: (800) 665-3327 (9 am - 5 pm)

Additional information:

Corporate headquarters:
Ottobock SE & Co. KGaA
Max-Näder-Straße 15
Duderstadt
Germany

Emergency telephone number

COLLECT, Telephone: (613) 996-6666

2 Hazard identification

Classification

This mixture is classified as not hazardous.

Information elements

Symbols: not applicable

Hazard statements: not applicable

Precautionary statements: not applicable

Other hazards known to the supplier with respect to the product

May cause irritations.
After contact with water: product hardens.

3 Composition/Information on ingredients**Mixture**

Chemical name: Contains Calcium sulfate >85%

4 First-aid measures**Description of necessary first-aid measures**

In case of inhalation: Provide fresh air.
In case of swallowing: Repeatedly drink water. Seek medical treatment in case of troubles.
In case of skin contact: Thoroughly wash skin with soap and water. Seek medical treatment in case of troubles.
In case of eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

Most important symptoms and effects, whether acute or delayed

In case of inhalation: May cause irritations.
In case of ingestion: May cause irritations.
After contact with skin: May cause irritations.
After eye contact: mild irritant

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5 Fire-fighting measures**Suitable and unsuitable extinguishing media**

Suitable extinguishing media:
Co-ordinate fire-fighting measures to the fire surroundings.

Specific hazards arising from the product

The product itself does not burn.
In case of fire may be liberated: sulphur trioxide, sulphur dioxide.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus.
Additional information: After contact with water: product hardens.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid generation of dust. Provide fresh air.

Avoid contact with skin and eyes.

Wear appropriate protective equipment.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods and material for containment and cleaning up

Collect dry and place in appropriate containers for disposal. Subsequent cleaning.

7 Handling and storage

Precautions for safe handling

Advices on safe handling: Avoid generation of dust. Provide fresh air.

Wear appropriate protective equipment.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container dry.

Hints on joint storage:

Do not store together with strong oxidizing agents.

8 Exposure controls/Personal protection

Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
7778-18-9	Calcium sulfate	Canada: Alberta, OEL 8 hour	10 mg/m ³
		Canada: BC, OEL TWA	10 mg/m ³
		Canada: Québec, VEMP	10 mg/m ³ (inhalable fraction)

Appropriate engineering controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. According to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2

Hand protection: Protective gloves according to OSHA Standard - 29 CFR: 1910.138. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed safety glasses according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2003.

Body protection: Wear suitable protective clothing.

General hygiene considerations:

Avoid generation of dust.

Avoid contact with skin and eyes.

Wash hands before breaks and after work.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9 Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa	Form: solid, powder
Colour:	white
Odour:	odourless
Odour threshold:	No data available
Melting point and freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available
Lower and upper explosion limit or lower and upper flammability limit:	No data available
Flash point/flash point range:	No data available
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	approx. 140 °C: decomposition products CaSO ₄ and H ₂ O > 1000 °C: decomposition products CaO and SO ₃
pH:	at 100 g/L: 7 - 8
Water solubility:	2 - 8 g/L
Partition coefficient — n-octanol/water:	No data available
Vapour pressure:	No data available
Density and/or relative density	2.3 - 3.0 g/cm ³
Vapour density:	No data available
Particle characteristics:	Not applicable

Additional information

Additional information:	No data available
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10 Stability and reactivity

Reactivity:	refer to section 10.3
Chemical stability:	The product itself does not burn. After contact with water: product hardens.
Possibility of hazardous reactions:	After contact with water: product hardens.
Conditions to avoid:	Protect from: humidity.
Incompatible materials:	Strong oxidizing agents

11 Toxicological information

Information on the likely routes of exposure

No data available

Health hazard information

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Symptoms

In case of inhalation: May cause irritations.

In case of ingestion: May cause irritations.

After contact with skin: May cause irritations.

After eye contact: mild irritant

12 Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Partition coefficient — n-octanol/water:

No data available

Mobility in soil

No data available

Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

13 Disposal considerations

Waste treatment methods

Product

Recommendation: May be disposed of in household waste landfill.

Package

Recommendation: Incinerate according to applicable local, state and federal regulations.
Non-contaminated packages may be recycled.

14 Transport information

UN number

TDG, IMDG, IATA-DGR: not applicable

UN proper shipping name

TDG, IMDG, IATA-DGR: Not restricted

Transport hazard class

TDG, IMDG, IATA-DGR: not applicable

Packing group

TDG, IMDG, IATA-DGR: not applicable

Environmental hazards

Marine pollutant: no

Special precautions in connection with transport or conveyance either within or outside the premises

Canada: Transportation of Dangerous Goods (TDG)

Shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15 Regulatory information

National regulations - Canada

Calcium sulfate: DSL: listed

Further regulations, limitations and legal requirements

No data available

16 Other information

Revision date: 17/12/2025

Date of first version: 15/7/2008

Reason of change: General revision: Safety Data Sheet according to Hazardous Products Regulations (HPR) 2022
General revision: Safety Data Sheet according to HCS 2024 (29 CFR 1910.1200)

Abbreviations and acronyms:

AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
DSL: Domestic Substances List
EC: European Community
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EQ: Excepted quantities
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OEL: Occupational Exposure Limit Value
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
TDG: Transportation of Dangerous Goods Regulation in Canada
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.