Safety Data Sheet
according to WHS Regulations

Printing date 18.02.2022 Revision: 12.05.2021

1 Identification

Product Name: CASTING PLASTER

Recommended Use of the Chemical and Restriction on Use: Casting agent, plaster

Details of Manufacturer or Importer:
Knauf Gypsum Pty Ltd (ACN 004 231 976)
3 Thackeray St
Camellia NSW 2142

Phone Number: 02 9638 0571

Emergency telephone number: National Poisons Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
The substance is not classified, according to the Globally Harmonised System (GHS).

Signal Word None

Hazard Statements None

Precautionary Statements None

3 Composition and Information on Ingredients

Chemical Characterisation: Substances
CAS No. Description
This mixture does not contain any notifiable substances.

4 First Aid Measures

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:
In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:
If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:
Inhalation: May cause respiratory irritation and coughing.
Skin Contact: May cause irritation, redness, pain and rash.
Eye Contact: May cause eye irritation, lachrymation, pain and redness.
Ingestion: May cause gastrointestinal irritation, nausea, vomiting, headache and diarrhoea.

(Contd. on page 2)

Safety Data Sheet
according to WHS Regulations

Printing date 18.02.2022 Revision: 12.05.2021

Product Name: CASTING PLASTER

(Contd. of page 1)

5 Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:
Above 1450 °C - decomposes to calcium oxide (CaO) and sulfur dioxide (SO_2).
Product is not flammable.
Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.
Minimise run-off from fire fighting entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:
Clean the area using an industrial vacuum cleaner. Wet mopping and wiping is acceptable if vacuuming is not workable. Avoid generating dust.
Remove promptly all visible waste materials to avoid being trampled and spread about, place in plastic bags or other containers which prevent fibre and/or dust emission, and dispose of in accordance with local waste disposal authority requirements.

7 Handling and Storage

Precautions for Safe Handling:
Use of safe work practices are recommended when cutting or sanding finished product to avoid eye or skin contact and inhalation of dust.
Care should be taken to minimise dust release when opening boxes or bags.
In order to minimise dust generation when cutting or sanding the finished product hand tools are recommended in preference to power tools. If power tools are used, these should be fitted with dust extraction or other effective local ventilation. Always wash hands after use.

Conditions for Safe Storage:
Store in a cool, dry, well ventilated area. Ensure containers are tightly sealed and adequately labelled. Protect from physical damage, heat, sparks, open flames and other ignition sources. Keep away from aluminium, diazomethane, oxidising agents and phosphorus.

8 Exposure Controls and Personal Protection

Exposure Standards:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:
Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

(Contd. on page 3)

Safety Data Sheet
according to WHS Regulations

Printing date 18.02.2022 Revision: 12.05.2021

Product Name: CASTING PLASTER

(Contd. of page 2)

Skin Protection:
PVC or rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:
Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:	
Form:	Powder
Colour:	White
Odour:	Slight odour
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	Product is not flammable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	0.80 - 0.82 g/cm³ (bulk)
Relative Density:	2.6 - 2.7
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	0.2 %

10 Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Heat, sparks, open flames and other sources of ignition.

Incompatible Materials:
Aluminium (when heated), diazomethane, phosphorus (at high temperatures) and oxidising agents.

Hazardous Decomposition Products: Sulphur oxides.

11 Toxicological Information

Toxicity:

Acute Health Effects
Inhalation: May cause respiratory irritation and coughing.
Skin: May cause irritation, redness, pain and rash.

(Contd. on page 4)

Safety Data Sheet
according to WHS Regulations

Printing date 18.02.2022 Revision: 12.05.2021

Product Name: CASTING PLASTER

(Contd. of page 3)

Eye: May cause eye irritation, lachrymation, pain and redness.
Ingestion: May cause gastrointestinal irritation, nausea, vomiting, headache and diarrhoea.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:
Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information: No information available

12 Ecological Information

Ecotoxicity:
The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.

Aquatic toxicity: No information available

Persistence and Degradability: No information available

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

Other adverse effects: No information available

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number	Not regulated
Proper Shipping Name	Not regulated
Dangerous Goods Class	Not regulated
Packing Group:	Not regulated

15 Regulatory Information

Australian Inventory of Industrial Chemicals:
This product contains no hazardous ingredients.

(Contd. on page 5)

Safety Data Sheet
according to WHS Regulations

Printing date 18.02.2022 Revision: 12.05.2021

Product Name: CASTING PLASTER

(Contd. of page 4)

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

16 Other Information

Date of Preparation or Last Revision: 12.05.2021

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Data altered compared to the previous version:
Section 1: Phone Number.
Section 6: Personal Precautions, Protective Equipment and Emergency Procedures.
Section 7: Precautions for Safe Handling.
Section 8: Respiratory Protection.
Section 11: Chronic Health Effects.
Section 15: Australian Inventory of Chemical Substances.
Section 15: Additional Information.

Disclaimer
This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”
The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Knauf Gypsum Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.