

## 1. IDENTIFICATION

**Product Name:** Casting Plaster  
**Other Names:**  
**Product Use Description:** Casting agent, plaster

**Contact Information:**

Organisation	Location	Telephone	Ask For
Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown, South Australia, 5039	08 8294 0451	SDS Officer
Poisons Information Centre		13 11 26	

## 2. HAZARD IDENTIFICATION

**Classification of Substance of Mixture:** 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 (s):** None

**Precautionary Statements(s):** None

## 3. 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.

## 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<sub>2</sub>). 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

**Protective Equipment, Personal Precautions 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 Suitable 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

**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/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.

**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

<b>Appearance:</b>	Powder, White
<b>Aroma/Odour:</b>	Slight odour
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available
<b>Melting point/freezing point:</b>	No information available
<b>Initial boiling point/range:</b>	No information available
<b>Flash Point (closed cup test):</b>	No information available
<b>Flammability:</b>	Product is not flammable
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Density:</b>	0.80 - 0.82 g/cm <sup>3</sup> (bulk)
<b>Relative Density:</b>	2.6 - 2.7
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	0.2 %

## 10. STABILITY AND REACTIVITY

<b>Hazardous Reactions:</b>	No dangerous reactions known under conditions of normal use.
<b>Chemical Stability:</b>	Stable at ambient temperature and under normal conditions of storage and use.
<b>Conditions to Avoid:</b>	Heat, sparks, open flames and other sources of ignition.
<b>Incompatibles:</b>	Aluminium (when heated), diazomethane, phosphorus (at high temperatures) and oxidising agents.
<b>Hazardous Decomposition Products:</b>	Sulphur oxides.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicity:</b>	Acute Health Effects
<b>Inhalation:</b>	May cause respiratory irritation and coughing.
<b>Skin:</b>	May cause irritation, redness, pain and rash.
<b>Eye:</b>	May cause eye irritation, lachrymation, pain and redness.
<b>Ingestion:</b>	May cause gastrointestinal irritation, nausea, vomiting, headache and diarrhoea.
<b>Skin Corrosion/Irritation:</b>	Based on classification principles, the classification criteria are not met.
<b>Serious Eye Damage/Irritation:</b>	Based on classification principles, the classification criteria are not met.
<b>Respiratory or Skin Sensitisation:</b>	Based on classification principles, the classification criteria are not met.
<b>Germ Cell Mutagenicity:</b>	Based on classification principles, the classification criteria are not met.
<b>Carcinogenicity:</b>	This product does NOT contain any IARC listed chemicals.
<b>Reproductive Toxicity:</b>	Based on classification principles, the classification criteria are not met.
<b>Specific Target Organ Toxicity (STOT) - Single Exposure:</b>	Based on classification principles, the classification criteria are not met.
<b>Specific Target Organ Toxicity (STOT) - Repeated Exposure:</b>	Based on classification principles, the classification criteria are not met.
<b>Aspiration Hazard:</b>	Based on classification principles, the classification criteria are not met.
<b>Chronic Health Effects:</b>	No information available
<b>Existing Conditions</b>	
<b>Aggravated by Exposure:</b>	No information available
<b>Additional toxicological information:</b>	No information available

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.
<b>Aquatic toxicity:</b>	No information available
<b>Persistence and Degradability:</b>	No information available
<b>Bioaccumulative potential:</b>	No information available
<b>Mobility in soil:</b>	No information available
<b>Other Adverse Effects:</b>	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

<b>UN Number:</b>	Not regulated
<b>UN Proper Shipping Name:</b>	Not regulated
<b>Dangerous Goods Class:</b>	Not regulated
<b>Packing Group:</b>	Not regulated

## 15. REGULATORY INFORMATION

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

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

## 16. OTHER INFORMATION

**Abbreviations and acronyms:**

Abbreviation	Meaning
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)

### Further Information

The information in this safety data sheet is to the best of our knowledge true and accurate, but all data, instructions, and recommendations and/or suggestions are made without guarantee.

The Material Safety Data Sheet is intended to provide information for a health and safety assessment of the material. This document is not intended for quality assurance purposes.