



# Material Safety Data Sheet

## SECTION 1. PRODUCT IDENTIFICATION

**Product name:** *Plaster of Paris, Casting Plaster*  
**Synonym:** Interior Filler  
**Product Codes:** **3201, 3203**

**Use(s):** Hand or machine applied plaster used by the plaster industry when mixed with water.

**Manufacturer:** UNI-PRO PAINTING EQUIPMENT  
**Supplier Address:** Units 9-12, 144-150 Canterbury Road, Kilsyth VIC 3137  
**Supplier Contact:** Customer Service  
**Telephone:** 03 9761 7900  
**Fax:** 03 9761 6522

## SECTION 2. HAZARD IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA  
NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

**UN No.** None Allocated      **DG Class:** None Allocated      **Subsidiary Risk(s):** None Allocated  
**Packing Group:** None Allocated      **Hazchem Code:** None Allocated      **EPG:** None Allocated

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	PROPORTION
Calcium sulphate hemihydrate	10101-41-4	>97%
Calcium sulphate dihydrate	10101-41-4	<1%
Calcium hydroxide	1305-62-0	<2%
Thickener, Retarder, Dispersants, PVA	--	<2%

## SECTION 4. FIRST AID MEASURES

**Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Skin:** Remove all clothing from affected area. Wash skin under running water with a mild soap. Rinse and gently dry skin. If swelling, redness or blistering occurs get medical attention.

**Ingestion:** Wash mouth out with water. Drink copious amounts of water if actual ingestion has occurred. For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed do not induce vomiting.

**Inhalation:** If inhaled, remove from contaminated area. Allow to rest. Seek medical attention if discomfort persist. Apply artificial respiration if not breathing



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## SECTION 5. FIRE-FIGHTING MEASURES

<b>Flammability:</b>	Non Flammable, fire might cause release carbon dioxide and carbon monoxide gasses.
<b>Fire and Explosion:</b>	Non combustible
<b>Extinguishing Media:</b>	Use waterfog, prevent contamination to drains and waterways.
<b>Hazchem:</b>	None allocated.

**Special Remarks on Fire Hazards:** Calcium sulphate mixed with phosphorous will ignite at high temperatures. When primed at a high temperature with postassiumnitrate-calcium silicide mixture, calcium sulphate mixed with excess phosphorus will burn.

**Special Remarks on Explosion Hazards:** A violent or explosive reaction can occur upon heating when calcium sulphate is mixed with aluminum powder. Explosion can result from an exothermic reaction when calcium sulphate is mixed with diazomethane vapor.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Spillage:</b>	Vacuum if possible or sweep up dry and place into waste containers. Do not hose into drains as blockages may occur.
<b>Precautions for Clean up Crew:</b>	Avoid creating excessive dust. Wear P1 Respirator.
<b>Disposal Method:</b>	Dispose to landfill in accordance with local government regulations. Contact local waste authority.

## SECTION 7. HANDLING AND STORAGE

<b>Handling:</b>	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene after using the product.
<b>Storage:</b>	The product is hygroscopic protect from atmospheric moisture and water. Store in a dry place. Keep dry at all times as product will set when wet. Ensure the bags are labelled, protected from physical damage and sealed when not in use.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Standards:</b>	Time Weighted Average TWA 10mg/m <sup>3</sup> (inhalable dust), not otherwise classified by Worksafe Australia. There is no specific standard for Plasterboard Finishing Compounds. Recommendation: Keep exposures as low as practicable and ensure that airborne reportable quartz concentrations do not exceed 0.1mg/m <sup>3</sup> .
<b>Biological Limits:</b>	No biological limits allocated.
<b>Engineering Controls:</b>	Engineering controls and work practices should aim to minimise exposures to the finishing compounds and dust generation. If not effective, personal protective equipment may be used.
<b>Ventilation:</b>	Local dust extraction is recommended if dust is created when using power operated equipment for handling, mixing, sanding, or drilling in an enclosed or poorly ventilated area.
<b>Respiratory Protection:</b>	An approved particulate respirator (disposable or cartridge) conforming to AS/NZS 1715 and AS/NZS 1716 should be worn. Where cartridge respirators are used, filters and cartridges should be replaced regularly in accordance with manufacturers guidelines.
<b>Eye Protection:</b>	Dust resistant safety spectacles with side shields or goggles with direct ventilation conforming to AS/NZS 1336.
<b>Skin Protection:</b>	Wear impervious gloves PVC, Nitrile or rubber gloves if dust causes irritation.
<b>Protective Clothing or Equipment:</b>	General work clothes or overalls is recommended.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White powder	<b>Solution Water:</b>	0.2 %
<b>Odour:</b>	Low Odour	<b>Specific Gravity:</b>	2.6 - 2.7
<b>pH:</b>	7.5 - 8.5	<b>% Volatile:</b>	
<b>Vapour Pressure:</b>	Not Applicable	<b>Flammability:</b>	Non flammable
<b>Vapour Density:</b>	Not Applicable	<b>Flash Point:</b>	Not Applicable
<b>Boiling Point :</b>	Not Applicable	<b>Upper Explosion Limit:</b>	Not Applicable
<b>Melting Point:</b>	Not Applicable	<b>Lower Explosion Limit:</b>	Not Applicable
<b>Evaporation Rate:</b>	Not Available	<b>Density:</b>	0.8-1.2 g/cm <sup>3</sup> (Approximately, bulk)

## SECTION 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Chemical is stable under recommended storage conditions.
<b>Conditions To Avoid (Stability):</b>	Heat, open flames and other ignition sources.
<b>Incompatibility (Materials to Avoid):</b>	Incompatible with oxidising agents and water.
<b>Hazardous Decomposition or By-Products:</b>	N/A
<b>Hazardous Polymerization:</b>	Hazardous Reactions Polymerization will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

<b>Summary:</b>	Low toxicity - irritant. Use safe work practices to avoid dust generation or inhalation, Crystalline silica, which is present in trace amounts in calcium sulphate hemihydrate is classified by the International Agency for Research on Cancer (IARC) as a human carcinogen and also causes the lung condition silicosis. However due to the extremely low levels of crystalline silica in this product, chronic health effects are not anticipated with normal use.
<b>Eye:</b>	Irritant. Contact may result in irritation, lacrimation, pain and redness.
<b>Inhalation:</b>	Irritant. Over exposure may result in irritation of the nose and throat, with coughing.
<b>Skin:</b>	Irritant. Contact may result in irritation, redness, itching, pain and rash.
<b>Ingestion:</b>	Low toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, headache and diarrhoea.

## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecological Information:</b>	The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.
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## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method:</b>	Reuse where possible. No special precautions are required for the disposal of this product. Dispose of in accordance with relevant local legislation.
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## SECTION 14. TRANSPORT INFORMATION

**Shipping Name:** None Allocated

**UN No.** None Allocated

**Packing Group:** None Allocated

**DG Class:** None Allocated

**Hazchem Code:** None Allocated

**Subsidiary Risk(s):** None Allocated

**EPG:** None Allocated

## SECTION 15. REGULATORY INFORMATION

**Poison Schedule:** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

## SECTION 16. OTHER INFORMATION

**Date of last review:** 9th January 2023

*THE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.*

Abbreviations:

**CAS#** Chemical Abstract Service number - used to uniquely identify chemical compounds.

**mg/m<sup>3</sup>** Milligrams per cubic metre.

**pH** relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

**ppm** Parts Per Million.

**TWA/ES** Time Weighted Average or Exposure Standard.