

**SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

<b>Product Name:</b>	CSR Plaster
<b>Other Names:</b>	CSR Casting Plaster, Pottery Plaster, Hardwall Plaster, Dental Plaster, Superfine Plaster, Spray Plaster, Stopping Plaster
<b>Product Codes/Trade Names:</b>	N/A
<b>Recommended Use:</b>	When mixed with water, plaster is used for a variety of applications including casting, spraying, rendering and stopping
<b>Applicable In:</b>	Australia
<b>Supplier:</b>	CSR Building Products Limited ABN 55 008 631 356
<b>Address:</b>	Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia
<b>Telephone:</b>	+61 2 9235 8000 (or 1800 807 668 (available in Australia only))
<b>Email Address:</b>	<a href="http://www.csr.com.au/Pages/ContactUs.aspx">http://www.csr.com.au/Pages/ContactUs.aspx</a>
<b>Web Site:</b>	<a href="http://www.csr.com.au">www.csr.com.au</a>
<b>Facsimile:</b>	+61 2 9372 5819
<b>Emergency Phone Number:</b>	000 Fire Brigade and Police (available in Australia only)
<b>Poisons Information Centre:</b>	13 11 26 (available in Australia only)

This Material Safety Data Sheet (MSDS) is issued by the Supplier in accordance with National standards and guidelines from the Australian Safety and Compensation Council (ASCC, formerly National Occupational Health and Safety Commission - NOHSC). The information in it must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization. The Supplier will issue a new MSDS when there is a change in product specifications and/or ASCC standards, codes, guidelines, or Regulations.

**SECTION 2: HAZARD IDENTIFICATION**

**STATEMENT OF HAZARDOUS NATURE:** Classified as **Non-Hazardous** according to the criteria of the Australian Safety and Compensation Council ASCC (formerly NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

**CSR Plaster** is classified as **Non-Dangerous** Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Cutting, breaking, drilling, sawing, grinding and finishing dried materials may generate dust (calcium sulphate) which is classified as **Hazardous**. The following Risk and Safety phrases apply to airborne dust of this product:

Risk Phrases	Safety Phrases
<b>R36/37/38:</b> Irritating to eyes, respiratory system and skin.	<b>S22:</b> Do not breathe dust.
<b>R66:</b> Repeated exposure may cause skin dryness or cracking.	<b>S24/25:</b> Avoid contact with skin and eyes. <b>S36/37/39:</b> Wear suitable protective clothing, gloves and eye/face protection.

CSR MSDS Reference: LWS-SDS-014

Date Issued: 1/09/2010

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name:	Synonyms:	Proportion:	CAS Number:
Calcium sulphate hemihydrate	N/A	>98%	10101-41-4
Cellulose Ether	N/A	<2%	9004-65-3
Calcium sulphate dihydrate	N/A	<1%	10101-41-4
Keratin retarder	N/A	<1%	---
Calcium hydroxide	N/A	<0.2%	1305-62-0

Note: The crystalline silica (quartz) content (if any) of this product is less than 0.1%.

**SECTION 4: FIRST AID MEASURES**

The following applies to dust from these products:

<b>Swallowed:</b>	Rinse mouth and lips with water. Do not induce vomiting. If symptoms persist, seek medical attention.
<b>Eyes:</b>	Flush thoroughly with flowing water, while holding eyelids open, for 15 minutes to remove all traces. If symptoms such as irritation or redness persist, seek medical attention.
<b>Skin:</b>	Wash off skin thoroughly with water. Use a mild soap if available.
<b>Inhaled:</b>	Remove to fresh air, away from dusty area. If symptoms persist, seek medical attention.
<b>Advice to Doctor:</b>	Treat symptomatically.

**SECTION 5: FIRE FIGHTING MEASURES**

<b>Flammability:</b>	Non-flammable
<b>Suitable extinguishing media:</b>	Use carbon dioxide, foam, dry chemical or water spray to extinguish, as required for fire in surrounding materials.
<b>Hazards from combustion products:</b>	None
<b>Special protective precautions and equipment for fire fighters:</b>	As required for fire in surrounding materials.
<b>HAZCHEM Code:</b>	None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Clean Up Procedure:</b>	Dust and waste should be cleaned up by bagging, wet sweeping and/or vacuuming.
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**SECTION 7: HANDLING AND STORAGE**

<b>Handling:</b>	Manual handling should be in accordance with Manual Handling Regulations and Codes.
<b>Storage:</b>	This product should be stored in its factory packaging in a dry area.
<b>Incompatibilities:</b>	None

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>National Exposure Standards:</b>	<b>National Occupational Exposure Standard (NES), Australian Safety &amp; Compensation Council, ASCC (formerly NOHSC)</b>  Calcium sulphate: TWA - 10 mg/m <sup>3</sup> as inspirable dust  Total dust (of any type, or particle size): TWA - 10 mg/m <sup>3</sup>
<b>Notes on Exposure Standards:</b>	All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable (practicable) and in all cases to below the National Standard.  TWA (Time Weighted Average): the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.
<b>Biological Limit Values:</b>	No biological limit allocated.
<b>ENGINEERING CONTROLS</b>	
<input type="checkbox"/> <b>Ventilation:</b>	General room ventilation should be adequate, but local mechanical ventilation may be required if dust is generated, particularly in confined spaces. Work practices should minimise the release of, and exposure to, dust. If engineering controls and work practices are not effective in controlling dust, then personal protective equipment may be required.
<input type="checkbox"/> <b>Special Consideration for Repair &amp;/or Maintenance of Contaminated Equipment:</b>	Work areas should be cleaned regularly by wet sweeping or vacuuming. Recommendations on Exposure Control and Personal Protection should be followed.
<b>PERSONAL PROTECTION</b>	
<input type="checkbox"/> <b>Personal Hygiene</b>	Wash work clothes regularly. Wash hands before eating, drinking, using the toilet, or smoking.
<input type="checkbox"/> <b>Skin Protection:</b>	Wear loose comfortable clothing. Direct skin contact should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves (standard duty leather or equivalent AS 2161).
<input type="checkbox"/> <b>Eye Protection:</b>	Ventilated non-fogging goggles (dust resistant AS/NZS 1336) should be worn when working in a dusty environment.
<input type="checkbox"/> <b>Respiratory Protection:</b>	None required if engineering and handling controls are adequate. Where engineering and handling controls are not enough to minimise exposure to total dust, personal respiratory protection may be required. The type of respiratory protection required depends primarily on the concentration of dust in the air, and the frequency and length of exposure time. Amount of exertion required during the work, and personal comfort are other considerations in choice of respirator. A suitable P1 or P2 particulate respirator chosen and used in accordance with AS/NZS 1715 and AS/NZS 1716 may be sufficient for many situations, but where high levels of dust are encountered, more efficient cartridge-type or powered respirators or supplied-air helmets or suits may be necessary. Use only respirators that bear the Australian Standards mark and are fitted and maintained correctly, and kept in clean storage when not in use.
<input type="checkbox"/> <b>Thermal Protection:</b>	None should be needed under normal circumstances.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Off white powder
<b>Odour:</b>	Slight plaster odour
<b>pH, at stated concentration:</b>	7.5-8.5
<b>Vapour Pressure:</b>	Not applicable
<b>Vapour Density:</b>	Not applicable
<b>Boiling Point/Range (°C):</b>	Approximately 1200°C
<b>Melting Point (°C):</b>	1450°C (Calcium sulphate hemihydrate)
<b>Solubility in Water:</b>	Not soluble
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	Approximately 2.4
<b>FLAMMABLE MATERIALS</b>	
<input type="checkbox"/> <b>Flash Point:</b>	Not applicable
<input type="checkbox"/> <b>Flash Point Method:</b>	Not applicable
<input type="checkbox"/> <b>Flammable (Explosive) Limit - Upper:</b>	Not applicable
<input type="checkbox"/> <b>Flammable (Explosive) Limit - Lower:</b>	Not applicable
<input type="checkbox"/> <b>Autoignition Temperature:</b>	Not applicable
<b>ADDITIONAL PROPERTIES</b>	
<input type="checkbox"/> <b>Evaporation Rate:</b>	Not applicable
<input type="checkbox"/> <b>% Volatiles:</b>	0%
<input type="checkbox"/> <b>Volatile Organic Compounds Content (VOC):</b> (as specified by the Green Building Council of Australia)	0%

**SECTION 10: STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable
<b>Incompatible Materials:</b>	None
<b>Conditions to avoid:</b>	Dust generation
<b>Hazardous Decomposition Products:</b>	None
<b>Hazardous Reactions:</b>	None

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Toxicology data:** Not available on this product, but anticipated to be very low with LD50 >5000 mg/kg.

**Health Effects: Acute (short term)**

<b>Swallowed:</b>	Unlikely under normal industrial use, but swallowing may result in nausea or abdominal discomfort.
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<b>Eyes:</b>	Dust is irritating to the eyes causing watering and redness. Exposure to dust may aggravate pre-existing eye conditions.
<b>Skin:</b>	The dust from this product, particularly in association with heat and sweat, may cause mild irritation and drying to the skin due to its physical characteristics.
<b>Inhaled:</b>	Can cause irritation of the nose, throat and lungs resulting in excess mucus and coughing.

**Health Effects: Chronic (long term)**

<b>Eyes:</b>	Dust may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.
<b>Skin:</b>	Repeated heavy contact with the dust may cause drying of the skin and can result in skin rash (dermatitis), typically affecting the hands. Over time this may become chronic and can also become infected.
<b>Inhaled:</b>	Repeated exposure to the dust may result in increased nasal and respiratory secretions and coughing. Inhaling dust liberated from plaster may aggravate pre-existing respiratory conditions.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Eco-toxicity:</b>	The physical and chemical nature of the product, and toxicological data on ingredients, indicate that this product is a relatively low risk.
<b>Persistence and Degradability:</b>	Product is persistent and would have a low degradability.
<b>Mobility:</b>	A low mobility would be expected in a landfill situation.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste should be placed in containers and disposed of with other construction waste in accordance with local authority guidelines. Measures should be taken to prevent dust generation during disposal and exposure, and personal precautions should be observed (see Section 8).

**SECTION 14: TRANSPORT INFORMATION**

<b>Proper Shipping Name:</b>	None allocated
<b>UN number:</b>	None allocated
<b>DG Class:</b>	None allocated
<b>Subsidiary Risk 1:</b>	None allocated
<b>Packaging Group:</b>	None allocated
<b>HAZCHEM code:</b>	None allocated
<b>Marine Pollutant:</b>	No
<b>Special Precautions for User:</b>	None

**SECTION 15: REGULATORY INFORMATION**

<b>Poisons Schedule:</b>	Not scheduled
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**SECTION 16: OTHER INFORMATION****For further information on this product, please contact:**

CSR Building Products Limited (ABN 55 008 631 356), Trinita 3, 39 Delhi Road, North Ryde, NSW 2113, Australia

**Phone:** +61 2 9372 5888 or 1800 807 668 (available in Australia only)

**Fax:** +61 2 9372 5877

**ADDITIONAL INFORMATION****Australian Standards References:**

AS/NZS 1336	Recommended Practices for Occupational Eye Protection
AS/NZS 1715	Selection, Use and Maintenance of Respiratory Protective Devices
AS/NZS 1716	Respiratory Protective Devices
AS 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)

**Other References:**

NOHSC:2011(2003)	National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition, April 2003, National Occupational Health and Safety Commission.
NOHSC:10005(1999)	List Of Designated Hazardous Substances, April 1999, National Occupational Health and Safety Commission, Sydney.
NOHSC:2007(1994)	National Code of Practice for the Control of Workplace Hazardous Substances (Australian States have similar Codes of Practice in each State).
NOHSC: 2012(1994)	National Code of Practice for the Labelling of Workplace Substances, March 1994, Australian Government Publishing Service, Canberra.
NES	National Occupational Exposure Standards for Workplace Atmospheric Contaminants (NES) Australian Safety and Compensation Council, ASCC (formerly NOHSC) 1995 as amended.
ADG Code	Australian Dangerous Goods Code 6 <sup>th</sup> Edition.

**AUTHORISATION**

Reason for Issue: New CSR address

Authorised by: Kylie Peterson

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END OF MSDS

CSR SDS Reference: LWS-SDS-014

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