GYPROCK™
Everything else is just plasterboard

CSR SAFETY DATA SHEET
CSR Plaster Accelerator

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	**CSR Plaster Accelerator**
Other Names:	CMA, SMA, Gypsum Accelerator
Product Codes/Trade Names:	Not applicable
Recommended Use:	Used as a plaster accelerator and set stabilizing agent in the manufacture of plasterboard, jointing cements, special plasters and plasterglass products
Applicable In:	Australia
Supplier:	CSR Building Products Limited ABN 55 008 631 356
Address:	Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia
Telephone:	+61 2 9235 8000 (or 1800 807 668 (available in Australia only))
Email Address:	http://www.gyprock.com.au/Pages/Contact-Us.aspx
Web Site:	http://www.gyprock.com.au/Pages/Resources/MSDS.aspx
Facsimile:	+61 2 9372 5819
Emergency Phone Number:	000 Fire Brigade and Police (available in Australia only)
Poisons Information Centre:	13 11 26 (available in Australia only)

This Safety Data Sheet (SDS) is issued by the Supplier in accordance with National standards and guidelines from Safe Work Australia (SWA – formerly ASCC/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 SDS by any other person or organization. The Supplier will issue a new SDS when there is a change in product specifications and/or Standards, Codes, Guidelines, or Regulations.

SECTION 2: HAZARD IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: Classified as **Non-Hazardous** according to the criteria of Safe Work Australia (SWA – formerly ASCC/NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

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

GHS CLASSIFICATION:

Not classified as Hazardous. Because this product is classified as Non-Hazardous, a Safety Data Sheet (SDS) is not required under the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) or Australian Regulations. CSR has elected to issue this SDS for the information of users, installers and the community. It has been formatted according to the GHS, as adopted by Safe Work Australia.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	Synonyms:	Proportion:	CAS Number:
Calcium sulphate dihydrate	"Gypsum"	90-100%	10101-41-4
Sucrose	---	0-10%	57-50-1

SECTION 4: FIRST AID MEASURES

Swallowed:	Give plenty of water to drink. If symptoms persist seek medical attention.
Eyes:	Flush thoroughly with flowing water for at least 10 minutes. If redness or irritation persists, seek medical attention.
Skin:	Wash thoroughly with soap and water.
Inhaled:	Remove to fresh air. If symptoms persist seek medical attention.
Advice to Doctor:	Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use carbon dioxide, foam, dry chemical or water spray to extinguish, as required for fire in surrounding materials.
Specific hazards:	None
Special protective equipment and precautions for firefighters:	None
HAZCHEM Code:	None allocated

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Recommendations on Exposure Controls / Personal Protection (see Section 8 below) should be followed during spill and clean-up.
Environmental precautions:	No specific precautions required.
Methods and materials for containment and cleaning up:	Dust and waste should be cleaned up by bagging, damp sweeping and/or vacuuming. Waste should be placed into containers and disposed of as trade waste in accordance with local waste disposal authority guidelines.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Manual handling should be in accordance with Manual Handling Regulations and Codes.
Conditions for safe storage:	This product should be stored in its factory packaging in a cool, dry area. Keep the container tightly closed.
Incompatibilities:	Do not store with strong acid, alkalis or oxidizing agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:	**Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia** No exposure standard allocated to this non-hazardous product. Any dust generated should be treated as nuisance dust: Sucrose: TWA – 10 mg/m^3 as inspirable dust Total dust (of any type, or particle size): TWA – 10 mg/m^3
Notes on Exposure Standards:	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 Workplace Exposure Standard (WES). 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.
Biological Limit Values:	No biological limit allocated.
ENGINEERING CONTROLS	
☐ **Ventilation:**	Work practices should minimize the release of and exposure to dust. General room ventilation should be adequate, but local mechanical ventilation may be required it dust is generated, particularly in confined spaces. If engineering controls and work practices are not effective in controlling dust, then personal protective equipment may be required.
☐ **Special Consideration for Repair &/or Maintenance of Contaminated Equipment:**	Work areas should be cleaned regularly by damp sweeping or vacuuming. Recommendations on Exposure Control and Personal Protection should be followed.
PERSONAL PROTECTION	
☐ **Personal Hygiene**	Work clothes should be washed regularly. Wash hands before eating, drinking, using the toilet, or smoking.
☐ **Skin Protection:**	Loose comfortable clothing should be worn. 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).
☐ **Eye Protection:**	Safety spectacles with side shields or coverall goggles with direct ventilation (AS/NZS 1336) should be worn when working in a dusty environment.
☐ **Respiratory Protection:**	An approved particulate respirator conforming to Australian Standards AS/NZS 1715 and AS/NZS 1716 should be worn when working in a dusty environment. Respirators should be correctly fitted, maintained in good condition, and kept in clean storage when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off white powder
Odour:	Slight plaster odour
Odour threshold:	Not determined
pH:	7.5-8.5
Melting point:	1450°C (calcium sulphate dihydrate)
Initial boiling point and range:	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability:	Non-flammable
Upper/lower flammability or explosive limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable

Specific gravity (Relative density):	2.3 (approximately)
Solubility:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not determined
Viscosity:	Not applicable
% Volatiles:	0%
Volatile Organic Compounds (VOC) Content: (as specified by the Green Building Council of Australia)	0%

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Hazardous Reactions:	None
Conditions to avoid:	Dust generation
Incompatible Materials:	Strong acid, alkalis and oxidizing agents
Hazardous Decomposition Products:	Releases oxides of sulphur and carbon dioxide when heated to decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects: Acute (short term)

Swallowed:	Unlikely under normal conditions of use, but swallowing the powder and dust may result in abdominal discomfort.
Eyes:	The powder and dust can irritate the eyes causing watering and redness. Exposure to dust may aggravate pre-existing eye conditions.
Skin:	The powder and dust, particularly in association with heat and sweat, can cause irritation, but it is not absorbed through the skin.
Inhaled:	The powder and dust can cause irritation of the nose, throat and lungs resulting in excess mucus and coughing.

Health Effects: Chronic (long term)

Eyes:	Dust may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.
Skin:	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.
Inhaled:	Repeated exposure to the dust may result in increased nasal and respiratory secretions and coughing. Inhaling dust may aggravate pre-existing respiratory conditions.

Toxicity Data

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

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity:	The physical and chemical nature of the product, and toxicological data on ingredients, indicate that this product is a relatively low risk.
Persistence and Degradability:	Product is persistent and would have a low degradability.
Bioaccumulative potential:	There is no evidence to suggest bioaccumulation will occur.
Mobility in soil:	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

UN number:	None allocated
UN Proper Shipping Name:	None allocated
Class and Subsidiary Risk:	None allocated
Packaging Group:	None allocated
Marine Pollutant:	No
Special Precautions for User:	None
HAZCHEM code:	None allocated

SECTION 15: REGULATORY INFORMATION

Poisons Schedule:	Not scheduled

SECTION 16: OTHER INFORMATION

For further information on this product, please contact:

CSR Building Products Limited (ABN 55 008 631 356), Triniti 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 1336	Recommended Practices for Occupational Eye Protection
AS 1715	Selection, Use and Maintenance of Respiratory Protective Devices
AS 1716	Respiratory Protective Devices
AS 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)

Other References:

NOHSC:1008 (2004)	Approved Criteria for Classifying Hazardous Substances
Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals, December 2011, Safe Work Australia.
Model Code of Practice	Labelling of Workplace Hazardous Chemicals, December 2011, Safe Work Australia.
Model Code of Practice	Managing Risks Of Hazardous Chemicals In The Workplace, July 2012, Safe Work Australia.
WHS	Guidance on the Classification of Hazardous Chemicals under the WHS Regulations, April 2012, Safe Work Australia.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission.
WES	Workplace Exposure Standards For Airborne Contaminants, April 2013, Safe Work Australia.
WES	Guidance On The Interpretation Of Workplace Exposure Standards For Airborne Contaminants, April 2013, Safe Work Australia.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals (GHS), 3rd revised edition, United Nations, New York and Geneva, 2009.
GHS	Understanding the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), United Nations, New York and Geneva, 2010.
HSIS	Hazardous Substances Information System (HSIS), internet advisory service, Safe Work Australia.
HCIL	GHS Hazardous Chemical Information List (HCIL), internet advisory service, Safe Work Australia.

AUTHORISATION

Reason for Issue:	Name change from 'CSR Gypsum Accelerator' to 'CSR Plaster Accelerator'
Authorised by:	Peter Tollens
Date of Issue:	25/05/2017

END OF SDS