

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	CSR Gyprock Fire Mastic
Other Names:	None
Product Codes/Trade Names:	n/a
Recommended Use:	Acoustic and fire rated sealant
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.

CSR Gyprock Fire Mastic 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:
Silica, crystalline	Quartz	<50%	14808-60-7
Acrylic resin	n/a	10-30%	-
Sodium borate	n/a	<5%	1303-96-4

CSR SDS Reference: LWS-SDS-18

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Surfactants and thickeners	n/a	<5%	-
Light aromatic petroleum spirit	n/a	<1%	64742-95-6
Medium aliphatic petroleum spirit	n/a	<1%	64742-88-7

SECTION 4: FIRST AID MEASURES

Swallowed:	Rinse mouth and lips with water. Do not induce vomiting. If symptoms persist, seek medical attention.
Eyes:	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.
Skin:	Remove heavily contaminated clothing. Wash off skin thoroughly with water. Use a mild soap if available. Shower if necessary. Seek medical attention for persistent redness, irritation or burning of the skin.
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, as required for fire in surrounding materials.
Specific hazards:	Burning may emit carbon monoxide and other hazardous fumes.
Special protective equipment and precautions for firefighters:	As required for fire in surrounding materials.
HAZCHEM Code:	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ventilate enclosed spaces. Recommendations on Exposure Controls / Personal Protection (see Section 8 below) should be followed during spill and clean-up.
Environmental precautions:	Prevent contamination of waterways and drains.
Methods and materials for containment and cleaning up:	Recover free material. If the quantity spilled warrants it, immobilise it first using an absorbent and then transfer to a suitably labelled and sealable containers for disposal.

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:	Keep in a sealed container. Store in a cool dry place. Do not store in direct sunlight or below 5°C.
Incompatibilities:	None

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. Product remains in sticky, flexible mastic form during and after use and does not lead to atmospheric contaminants.
Biological Limit Values:	No biological limit allocated.
ENGINEERING CONTROLS	
<input type="checkbox"/> Ventilation:	Mechanical ventilation not required under normal conditions of use.
<input type="checkbox"/> Special Consideration for Repair &/or Maintenance of Contaminated Equipment:	Recommendations on Exposure Control and Personal Protection should be followed.
PERSONAL PROTECTION	
<input type="checkbox"/> Personal Hygiene	Wash work clothes regularly. Wash hands before eating, drinking, using the toilet, or smoking.
<input type="checkbox"/> Skin Protection:	Direct skin contact should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves (e.g. standard duty leather or equivalent AS 2161 or PVC).
<input type="checkbox"/> Eye Protection:	Ventilated non-fogging goggles (AS/NZS 1336) should be worn when working with the product.
<input type="checkbox"/> Respiratory Protection:	None required if engineering and handling controls are adequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick coloured paste
Odour:	Sweet odour
Odour threshold:	Not determined
pH:	Not available
Melting point:	Not available
Initial boiling point and range:	> 90°C
Flash point:	Not applicable
Evaporation rate:	Not determined
Flammability:	Non flammable and fire-retardant
Upper/lower flammability or explosive limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Specific gravity (Relative density):	Approximately 1.55
Solubility:	Miscible
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	Not determined

Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not determined
Viscosity:	Not determined
% Volatiles:	<2% (very low)
Volatile Organic Compounds (VOC) Content: (as specified by the Green Building Council of Australia)	<2% (very low)

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Hazardous Reactions:	None
Conditions to avoid:	None
Incompatible Materials:	None
Hazardous Decomposition Products:	Burning may emit carbon monoxide and other hazardous fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects: Acute (short term)

Swallowed:	Unlikely under normal industrial use, but oral ingestion or swallowing this product may result in some irritation of mouth and throat, nausea and abdominal discomfort.
Eyes:	Paste is irritating to the eyes causing watering and redness and may aggravate pre-existing eye conditions.
Skin:	Prolonged contact, particularly in association with heat and sweat, may cause irritation, but the product is not absorbed through the skin.
Inhaled:	Unlikely under normal industrial use.

Health Effects: Chronic (long term)

Eyes:	Prolonged and repeated contact with the paste may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.
Skin:	Repeated heavy contact with paste may cause skin rash (dermatitis) typically affecting the hands. Over time this may become chronic and can also become infected.

Toxicity Data

No specific data for this product is available. However, based on toxicology of ingredients, an LD50 >3,000mg/kg is predicted. Sodium Borate (minor ingredient): Oral rat LD50: 2660 mg/kg.
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SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity:	Product forms an alkaline slurry when mixed with water, which is non-toxic to aquatic and terrestrial organisms.
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

Product can be treated as a common waste for disposal or dumped into a landfill site in accordance with local authority guidelines.

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
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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 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, 7 th 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), 3 rd 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

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Authorised by:	Peter Tollens
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END OF SDS