

CSR MATERIAL SAFETY DATA SHEET

CSR Gyprock Fire Mastic

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.csr.com.au/Pages/ContactUs.aspx
Web Site:	www.csr.com.au
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 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 Gyprock Fire Mastic is classified as **Non-Dangerous** Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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
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

CSR MSDS Reference: LWS-SDS-018

Date Issued: 1/09/2010



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

Flammability:	Non flammable and fire-retardant.
Suitable extinguishing media:	Use carbon dioxide, foam, dry chemical or water spray to extinguish, as required for fire in surrounding materials.
Hazards from combustion products:	Burning may emit carbon monoxide and other hazardous fumes.
Special protective precautions and equipment for fire fighters:	As required for fire in surrounding materials.
HAZCHEM Code:	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure:	Avoid breathing vapours. Ventilate enclosed spaces.
Containment Procedure:	Recover free material.
Clean Up Procedure:	See section 13.

SECTION 7: HANDLING AND STORAGE

Handling:	Manual handling should be in accordance with Manual Handling Regulations and Codes.
Storage:	Keep in a sealed container.
Incompatibilities:	None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:	National Occupational Exposure Standard (NES), Australian Safety & Compensation Council, ASCC (formerly NOHSC) 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:	Grey/white paste
Odour:	Slight amine odour
pH, at stated concentration:	Not available
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Boiling Point/Range (°C):	> 90°C
Freezing/Melting Point (°C):	Not available
Solubility in water:	Miscible
Specific Gravity (H₂O = 1):	Approximately 1.5
FLAMMABLE MATERIALS	
<input type="checkbox"/> Flash Point:	Not applicable
<input type="checkbox"/> Flash Point Method:	Not applicable
<input type="checkbox"/> Flammable (Explosive) Limit - Upper:	Not applicable
<input type="checkbox"/> Flammable (Explosive) Limit - Lower:	Not applicable
<input type="checkbox"/> Autoignition Temperature:	Not applicable
ADDITIONAL PROPERTIES	
<input type="checkbox"/> Evaporation Rate:	Not applicable
<input type="checkbox"/> % Volatiles:	<2% (very low)
<input type="checkbox"/> Volatile Organic Compounds Content (VOC): (as specified by the Green Building Council of Australia)	<2% (very low)

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology 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.

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.

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.
Mobility:	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

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

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), Trinit 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 th Edition.

AUTHORISATION

Reason for Issue: CSR address change

Authorised by: Kylie Peterson

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END OF MSDS