



RUBBEDIN PTY LTD
MATERIAL SAFETY DATA SHEET

Classified as hazardous according to criteria of Worksafe Australia

PRODUCT: INSTANT BRICK

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: INSTANT BRICK
Use: For repair or replacing loose or broken fuel stove bricks

Distributor: Rubbedin Pty Ltd
Emergency Phone No: 0405358685
Regular Phone No: (07) 3245 3255
Fax: (07) 3245 2554
Email: rubbedin@rubbedin.com.au
Address: Unit 1/43 Neumann Road
Capalaba QLD 4157

SECTION 2 – HAZARDS IDENTIFICATION

Classification: This material is classified as hazardous (Xn-HARMFUL) according to criteria of NOHSC.
Risk Phrases: R48/20 – Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Safety Phrases: S2 – Keep out of reach of children.
S22 – Do not breathe dust.
S38 – In case of insufficient ventilation, wear suitable respiratory equipment.

This product is **NOT classified as a DANGEROUS GOOD** according to the Australian Dangerous Goods Code.
This product is **NOT a scheduled poison according to the SUSDP.**

UN No:	Not applicable	PACKAGING GROUP:	Not applicable
CLASS:	Not applicable	HAZCHEM:	Not applicable
SUB-RISK	Not applicable	POISONS SCHEDULE:	Not applicable

SECTION 3 – INGREDIENTS

MATERIAL/COMPONENT	Wt%	CAS NUMBER
Silica, crystalline quartz	30 - 60%	14808-60-7
Products not classified as hazardous	to 100%	

SECTION 4 -EMERGENCY AND FIRST AID PROCEDURES

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Do NOT induce vomiting. Rinse mouth with water. Give plenty of water to drink. If vomiting occurs give further water. If symptoms persist seek medical advice.

Eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Seek medical advice.

Skin contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhalation: Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Keep at rest until fully recovered. Seek medical advice if effects persist.

Notes to physician: Treat symptomatically.

SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point: Non-flammable **Method:** Not applicable
Flammability Limits in Air (% Volume)



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Lower: Not applicable

Upper: Not applicable

Fire Extinguishing Media:

Product is non flammable. However, if involved in a fire, use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Special Fire Fighting Procedures:

Product is non flammable. However, if involved in a fire, fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak:

Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Avoid breathing in generated dust. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand, or other inert material). Collect and seal in properly labelled drums for disposal. If contamination of sewers or waterways has occurred advise the local emergency services.

Disposal:

Dispose of according to Local Authority Regulations.

SECTION 7 HANDLING AND STORAGE

Handling & Storage:

Avoid skin and eye contact and breathing in generated dust. Store in a cool, dry, well ventilated place away from moisture. Keep containers closed when not in use - check regularly for leaks.

Other:

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for particulates:

NOHSC TWA Crystalline Silica, as Quartz = 0.1mg/m³

Nuisance dust: 8hr TWA = 10 mg/m³ s published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering measures:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use. Avoid generating dust.

Personal protection:

SAFETY GLASSES, GLOVES, DUST MASK.

Observe good industrial chemical handling procedures. Avoid eye contact. Wear safety glasses and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C):

Not determined

Volatiles:

None

Melting Point(C):

Not determined

Press@20C mm Hg:

Not available

Specific Gravity:

Powder

VAP Density:

Not available

Sol In Water (g/l):

Completely

pH:

Not applicable



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Appearance: Powder
Evaporation Rate (nButyl Acetate=1) Not applicable

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: Stable under normal conditions of use.
Conditions to Avoid: Moisture.
Hazardous Polymerisation: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

HEALTH EFFECTS

ACUTE:

Swallowed: May cause nausea and vomiting.
Eyes: Eye irritant. Dust generated contains abrasive material that will irritate the eyes.
Skin: Prolonged or repeated exposure can lead to dermatitis in sensitive individuals.
Inhalation: Inhalation of dusts may cause irritation to respiratory tract and lung damage if exposure is repeated or prolonged, or in excess of PEL/TWA.

Long Term Effects: Dust that contains respirable crystalline silica may produce severe lung effects, including emphysema and pulmonary fibrosis due to the contaminating silica.

Toxicological Data:

None determined for this particular product. Inhalation of quartz in dust form is classified as a human carcinogen. Chronic exposure can cause silicosis, a form of lung scarring that can cause shortness of breath, reduced lung function, and in severe cases, death. Once the product has been combined with water it is no longer a dust hazard and is no longer hazardous. Once set into a brick, it is not a dust hazard, and is no longer classed as hazardous.

SECTION 12 - ECOLOGICAL INFORMATION

Not an environmentally hazardous material – very low impact.
Avoid contaminating waterways

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of material according to Local Authority Regulations or through a licensed waste contractor.

SECTION 14 TRANSPORT INFORMATION

Road and Rail Transport: Not currently classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.
Marine Transport: Not currently classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport: Not currently classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15 REGULATORY INFORMATION

Classification: This material is classified as hazardous according to criteria of NOHSC. All the constituents of this material are listed on the Australian Inventory of Chemical Substances.

Poison Schedule: Not scheduled.



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SECTION 16 OTHER INFORMATION

Acronyms	
SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
R-Phrases	Risk Phrases.
HAZCHEM	An emergency action code of numbers and letters which gives information to emergency services.
NOHSC	National Occupational Health and Safety Commission.
NTP	National Toxicology Program (USA).
IARC	International Agency for Research on Cancer.
AICS	Australian Inventory of Chemical Substances.
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
Literature References	List of Designated Hazardous Substances [NOHSC:10005(1999)] Australian Code For The Transport Of Dangerous Goods By Road And Rail – Sixth Edition. Standard for the Uniform Scheduling of Drugs and Poisons. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)] Material Safety Data Sheets – individual raw materials – Suppliers. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] HSIS – Hazardous Substance Information System – National Worksafe Data Base. New Issue to standard : 2nd Edition [NOHSC:2011(2003)].
Revision Information	
Note	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
Contact Point	Regulatory Affairs Manager Telephone (07) 3245 3255
Poisons Information Centre	131126 Emergency co-ordinator 0405358685
Issue Date	April 2008 Supersedes Issue Date 22/08/06

The MSDS is valid for five years from date of issue but may be withdrawn and revised at any time prior to that date. All information contained in the Data Sheet is as accurate as possible at the time of issue. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. As per the Worksafe Guidance Note NOHSC 3017, each user should review the information in the specific context of the intended application. No expressed or implied warranties nor any responsibility for damages resulting from use of the information are given other than those implied mandatory by Commonwealth, State or Territory Legislation. If this product is to be re-packaged by others, it will be necessary for a new MSDS to be generated by the re-packer.