



## RUBBEDIN PTY LTD

### MATERIAL SAFETY DATA SHEET

Not Classified as hazardous according to criteria of Worksafe Australia

**PRODUCT:** HOT SPOT HI-TEMP REDI-MORTAR

#### SECTION 1 – PRODUCT IDENTIFICATION

**Product Name:** HOT SPOT HI-TEMP REDI-MORTAR  
**Use:** High Temp mortar for repairs to Barbecues, Fireplaces, Chimneys and fuel Stoves

**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 not classified as hazardous according to criteria of NOHSC.  
**Risk Phrases:** None allocated.  
**Safety Phrases:** None allocated.

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.**

<b>UN No:</b>	Not applicable	<b>PACKAGING GROUP:</b>	Not applicable
<b>CLASS:</b>	Not applicable	<b>HAZCHEM:</b>	Not applicable
<b>SUB-RISK</b>	Not applicable	<b>POISONS SCHEDULE:</b>	Not applicable

#### SECTION 3 – INGREDIENTS

MATERIAL/COMPONENT	Wt%	CAS NUMBER
Crystalline Silica	10 - 30%	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

<b>Flash Point:</b>	Non-flammable	<b>Method:</b>	Not applicable
<b>Flammability Limits in Air (% Volume)</b>			
<b>Lower:</b>	Not applicable	<b>Upper:</b>	Not applicable



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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 strong oxidising agents and acids. Store away from incompatible materials described in Section 10. 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.

Engineering measures: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use. Avoid generating dust - dust generated while using this product contains crystalline silica that can cause irritation to the eyes and permanent damage to the lungs (silicosis).

Personal protection: SAFETY GLASSES, GLOVES.  
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:	>90%
Melting Point(C):	Not determined	Press@20C mm Hg:	Not available
Specific Gravity:	1.03 - 1.05	VAP Density:	Not available
Sol In Water (g/l):	Completely	pH:	9.5 -10.5
Appearance:	Creamy viscous suspension		
Evaporation Rate (nButyl Acetate=1)	Not applicable		

#### SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: Stable under normal temperature and pressure  
Conditions to Avoid: Oxidising agents, extremes in temperature.  
Incompatibilities: Oxidising agents, strong acids, cationic surfactants.  
Hazardous decomposition products: Toxic fumes of carbon oxides on combustion or oxidation.



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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

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: Unlikely due to physical form of product. Avoid generating dust - dust generated while using this product contains crystalline silica that can cause irritation to the eyes and permanent damage to lungs.  
Acute: May cause vomiting, diarrhoea.

##### Long Term Effects:

None determined for this particular product. However, for breakdown product, crystalline silica (product's dust): Epidemiological studies in humans have revealed that crystalline silica may cause lung cancer, silicosis, lymph node fibrosis, airways disease, emphysema and lung inflammation.

##### Toxicological Data:

None determined for this particular product. However, for breakdown product, crystalline silica (product's dust): The toxicity of crystalline silica is directly proportional to the ability of any particle to reach the lower respiratory tract. Quartz particles with an aerodynamic diameter below 10um are likely to be most harmful to humans, as they reach the lower respiratory tract and are less readily removed by the lungs.

Increases in lung cancer have been attributed to the inhalation of crystalline silica in a number of industries, including: ore mining; quarrying and granite works; ceramics pottery, refractory brick and diatomaceous earth industries; and in foundry workers.

The International Agency for Research on Cancer has classified crystalline silica as a Group 1 Carcinogen - Carcinogenic to Humans, based on sufficient evidence in humans and animals.

Increasing in vitro and in vivo evidence suggests that lung carcinomas in rats are a result of marked and persistent inflammation and epithelial proliferation.

#### SECTION 12 - ECOLOGICAL INFORMATION

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 not 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 applicable



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**SECTION 16 OTHER INFORMATION**

<b>Acronyms</b>	
<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs and Poisons.
<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>CAS Number</b>	Chemical Abstracts Service Registry Number.
<b>UN Number</b>	United Nations Number.
<b>R-Phrases</b>	Risk Phrases.
<b>HAZCHEM</b>	An emergency action code of numbers and letters which gives information to emergency services.
<b>NOHSC</b>	National Occupational Health and Safety Commission.
<b>NTP</b>	National Toxicology Program (USA).
<b>IARC</b>	International Agency for Research on Cancer.
<b>AICS</b>	Australian Inventory of Chemical Substances.
<b>TWA</b>	Time Weighted Average
<b>STEL</b>	Short Term Exposure Limit
<b>Literature References</b>	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)].
<b>Revision Information</b>	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
<b>Note</b>	
<b>Contact Point</b>	Regulatory Affairs Manager <b>Telephone</b> (07) 3245 3255
<b>Poisons Information Centre</b>	131126 <b>Emergency co-ordinator</b> 0405358685
<b>Issue Date</b>	April 2008 <b>Supersedes Issue Date</b> 23/07/06

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.