

Safety Data Sheet according to WHS Regulations

Printing Date: 14.09.2022

Version Number: 1.0

Revision Date: 14.09.2022

1 Identification

Product identifier:Trade name: ***MONOKOTE MK-6S*****Relevant identified uses of the substance or mixture, and uses advised against:** No further relevant information available.**Relevant identified uses of the substance or mixture:** Fireproofing.**Identified uses advised against:** No further relevant information available.**Details of the supplier of the safety data sheet:****Manufacturer/supplier:**GCP Australia Pty. Ltd.
14 Colebard Street West
Archerfield, Queensland 4108
Australia**Further information obtainable from:**Tel: 1800 334 444
Fax: +61 7-3275-7801
APMSDS@gcpat.com**Emergency telephone number:** After hours - Tel. No. 1800 039 008

2 Hazard(s) Identification

Classification of the substance or mixture:Carc. 1A H350 May cause cancer. Route of exposure: Inhalation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.**Label elements:****GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS08

Signal word Danger**Hazard-determining components of labelling:**Quartz (SiO₂)**Hazard statements**May cause cancer. Route of exposure: Inhalation.
May cause damage to organs through prolonged or repeated exposure.**Precautionary statements**Do not handle until all safety precautions have been read and understood.
Avoid breathing dust.
Wash thoroughly after handling.
In case of inadequate ventilation wear respiratory protection.
Dispose of contents container in accordance with all applicable regulations.Wash contaminated clothing before reuse.
If inhaled, get medical advice/attention if you feel unwell.May cause skin and eye irritation.
Use personal protection equipment as required.

FOR PROFESSIONAL USE ONLY

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Additional information: Avoid breathing dust

Information concerning particular hazards for human and environment:
Description of Classification: Classified as hazardous according to the criteria of Safe Work Australia.

Other hazards:
Results of PBT and vPvB assessment:
PBT: Not applicable.

vPvB: Not applicable.

3 Composition and Information on Ingredients

Chemical characterization: Mixture:
Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components:

7778-18-9	Calcium sulfate		50-<100%
1317-65-3	Limestone		3-<5%
14808-60-7	Quartz (SiO ₂)	Carc. 1A, H350; STOT RE 1, H372	<2%

Additional information:

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication 'List of Designated Hazardous Substances' or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication 'Approved Criteria for Classifying Hazardous Substances'.

4 First Aid Measures

Description of first aid measures:
General information: Get medical advice/attention if you feel unwell.

After inhalation: If breathing has stopped, give artificial respiration then oxygen if needed.

After skin contact:

If skin irritation continues, consult a doctor.

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact:

Rinse cautiously with water for several minutes.

Seek immediate medical advice.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:
Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire Fighting Measures

Special hazards arising from the substance or mixture: No further relevant information available.

Additional information: Collect contaminated fire fighting water separately. It must not enter the sewage system.

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6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.
Avoid formation of dust.

Methods and material for containment and cleaning up:

Avoid formation of dust.
Vacuuming or wet sweeping may be used to avoid dust dispersal.

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

HANDLING

Precautions for safe handling:

Do not breathe dust.
Fit dust covers to mixers.
Prior to welding or cutting, Monokote must be removed from steel surfaces likely to be exposed to excessive heating.
Danger of wet slippery surfaces.

Conditions for safe storage, including any incompatibilities:

STORAGE

Information about storage in one common storage facility: No special measures required.
Further information about storage conditions: Keep container tightly sealed.
Specific end use(s): No further relevant information available.

8 Exposure controls and personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters:

Ingredients with limit values that require monitoring at the workplace:

7778-18-9 Calcium sulfate

WES (Australia)	Long-term value: 10 mg/m ³
PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 10* mg/m ³ *as inhalable fraction

1317-65-3 Limestone

TWA (USA)	Short-term value: 10 mg/m ³ , mg/m ³ ppm Long-term value: 10 mg/m ³ , mg/m ³ ppm (Particulate matter no asbestos)
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14808-60-7 Quartz (SiO₂)

WES (Australia)	Long-term value: 0.05 mg/m ³ respirable dust
PEL (USA)	Long-term value: 0.05* mg/m ³ *resp. dust; 30mg/m ³ /‰SiO ₂ +2

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REL (USA)	Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m ³ *as respirable fraction

Additional information: Based on the lists valid at the date of SDS creation.

Exposure controls:

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, eg. by isolating personnel from dusty areas. Remove and wash soiled clothing.

PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Store protective clothing separately.

The usual precautionary measures for handling chemicals should be followed.

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands:

Material of gloves:

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

Eye protection:



Safety glasses with side shield protection.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing and wash before reuse.

9 Physical and Chemical Properties

Information on basic physical and chemical properties:

GENERAL INFORMATION

Appearance:

Form:	Powder.
Colour:	Grey.
Odour:	Earthy
Odour threshold:	Not determined.

pH-value (~): 8

Change in conditions:-

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Not determined.
Flash point:	Not applicable.

Flammability (solid, gas): Not determined.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

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Explosive properties:	Product does not present an explosion hazard.
EXPLOSION LIMITS	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not applicable.
Density:	Not determined.
Relative density:	Not determined.
Vapour density:	Not determined.
Solubility in/Miscibility with:-	
Water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
VISCOSITY	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Molecular weight	Not determined.
Other information:	No further relevant information available.

10 Stability and Reactivity

Reactivity:

Stable under normal conditions.

No further relevant information available.

Chemical stability:
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known.

No further relevant information available.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide, Hydrocarbons.

Cutting or welding may generate Sulfur dioxide.

11 Toxicological Information

Information on toxicological effects:
ACUTE TOXICITY
Primary irritant effect
Skin corrosion/irritation No irritating effect.

Serious eye damage/irritation No irritating effect.

Additional toxicological information:

May cause cancer by inhalation. Route of exposure: Inhalation.

Prolonged exposure may cause risk of lung disease (i.e. silicosis and/or lung cancer).

Other information :

The product was classified according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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12 Ecological Information

Toxicity:

AQUATIC TOXICITY No further relevant information available.

Persistence and degradability: No further relevant information available.

BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

ADDITIONAL ECOLOGICAL INFORMATION

General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13 Disposal considerations

Waste treatment methods:

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Refer to State Land Waste Authority for disposal considerations.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number

ADG, ADN, IMDG, IATA

Not Regulated

UN proper shipping name

ADG, ADN, IMDG, IATA

Not Regulated

Transport hazard class(es)

ADG, ADN, IMDG, IATA

Class

Not Regulated

Packing group

ADG, IMDG, IATA

Not Regulated

Environmental hazards:

Not applicable.

Special precautions for user:

Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not Regulated

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15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

See Section 2 for hazard identification.

Australia: Priority Existing Chemicals

None of the ingredients is listed.

National regulations:

Other regulations, limitations and prohibitive regulations: All ingredients are listed on AICS.

Registered in the international inventory lists: AICS (Australia)

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H350 May cause cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

Department issuing SDS:

EHS Department,
Asia Pacific Region
SCIP, Canlubang, Calamba City, Laguna
Philippines 4028
Tel: +63 (02) 8236-6820 to 24

Other Information:

In June 2003, SCOEL, the EU Scientific Committee on Occupational Exposure Limits concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis.

There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis. Therefore preventing the onset of silicosis will also reduce the cancer risk.

Contact:

The first date of preparation: 22.12.2016

Number of revision times and the latest revision date: 1.0 / 14.09.2022

Sources: Raw material suppliers' safety data sheets were used as key data sources in the preparation of this safety data sheet.

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