

## Safety Data Sheet according to WHS Regulations

Printing Date: 14.12.2022

Version Number: 1.0

Revision Date: 14.12.2022

### 1 Identification

**Product identifier:**Trade name: Monokote MK-10 HB**Relevant identified uses of the substance or mixture, and uses advised against:**

Application of the substance/the preparation: Fireproofing.

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:**

EHS Department, Fanling, Hongkong - Tel. No.: (852) 2675-2012  
After hours - Tel. No. 1800 039 008

### 2 Hazard(s) Identification

**Classification of the substance or mixture:**

This product contains respirable quartz as an impurity and therefore is classified due to the potential for generation of airborne respirable crystalline silica.

Depending on the type of handling and use, airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable silica dust may cause silicosis. Occupational exposure to respirable crystalline silica should be monitored and controlled.

This product should be handled with care to avoid dust generation.

The product is not classified, according to the Globally Harmonised System (GHS).

**Label elements:**

GHS label elements Not classified.

Hazard pictograms Not classified.

Signal word Not classified.

Hazard statements Not classified.

Additional information: Avoid breathing dust

**Information concerning particular hazards for human and environment:**

This product contains Quartz (respirable) <1%.

**Description of Classification:** Classified as non-hazardous according to the criteria of Safe Work Australia.

**Other hazards:****Results of PBT and vPvB assessment:**

PBT: Not applicable.

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vPvB: Not applicable.

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### 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%

**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:** No special measures required.

**After skin contact:** Wash with plenty of soap and water.

**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

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.

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

**Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

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

### 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system.

**Methods and material for containment and cleaning up:** Send for recovery or disposal in suitable receptacles.

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### 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 eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed.

Keep only in original container.

Use only outdoors or in a well-ventilated area.

**Information about fire - and explosion protection:** No special measures required.

#### 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.

Store in a dry place.

Keep cool.

**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:

Total dust 10mg/m<sup>3</sup>, respirable dust 4mg/m<sup>3</sup>.

#### 7778-18-9 Calcium sulfate

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

#### 1317-65-3 Limestone

TWA (USA)	Short-term value: 10 mg/m <sup>3</sup> , mg/m <sup>3</sup> ppm Long-term value: 10 mg/m <sup>3</sup> , mg/m <sup>3</sup> ppm (Particulate matter no asbestos)
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**Additional information:** Based on the lists valid at the date of SDS creation.

### Exposure controls:

#### PERSONAL PROTECTIVE EQUIPMENT

#### General protective and hygienic measures:

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

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**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.).

In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.

**Protection of hands:** Protective gloves.

**Material of gloves:** Rubber gloves.

**Penetration time of glove material:**

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles.

**Body protection:** Use personal protective equipment as required.

### 9 Physical and Chemical Properties

**Information on basic physical and chemical properties:**
**GENERAL INFORMATION**
**Appearance:**

<b>Form:</b>	Powder.
<b>Colour:</b>	According to product specification.
<b>Odour:</b>	Characteristic.
<b>Odour threshold:</b>	Not determined.

**pH-value (~):** Not applicable.

**Change in conditions:-**

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

**Flammability (solid, gas):** Not determined.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Not determined.

**Explosive properties:** Product does not present an explosion hazard.

**EXPLOSION LIMITS**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapour pressure:** Not applicable.

**Density:** Not determined.

**Relative density:** Not determined.

**Vapour density:** Not determined.

**Solubility in/Miscibility with:-**

**Water:** Insoluble.

**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.

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## 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

## 11 Toxicological Information

Prolonged and or massive exposure to respirable crystalline silica containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

### Information on toxicological effects:

#### ACUTE TOXICITY

#### Primary irritant effect

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** May be irritating to the eyes.

**Ingestion:** May be harmful if swallowed and enters airways.

#### Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 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.

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### 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.

Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles.

**UNCLEANED PACKAGING**

**Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

<b>UN-Number</b> ADG, ADN, IMDG, IATA	Not Regulated
<b>UN proper shipping name</b> ADG, ADN, IMDG, IATA	Not Regulated
<b>Transport hazard class(es)</b> ADG, ADN, IMDG, IATA Class	Not Regulated
<b>Packing group</b> ADG, IMDG, IATA	Not Regulated
<b>Environmental hazards:</b> Marine pollutant:	No.
<b>Special precautions for user:</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not Regulated
<b>Transport/Additional information:</b>	Not classified as a dangerous good for transport by road, rail or air.

### 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.

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**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.

In the previous SDS, version control was by Issue Number and Date. With the change to alternative SDS creation software, version control is now based on printing and review dates which appear at the top of each page. Also consequent on this change, amendments have been made in all Sections of this SDS. In future updates to SDS, amended sections will be indicated by an asterisk (\*) in the left-hand margin.

**Contact:**

**The first date of preparation:** 12.08.2013

**Number of revision times and the latest revision date:** 1.0 / 14.12.2022

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