

Safety Data Sheet according to WHS Regulations

Printing Date: 19.12.2024

Version Number: 2.0

Revision Date: 19.12.2024

1 Identification

Product identifier:Trade name: MONOKOTE MK-6 HY

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 Korea Inc.
70B-1L, 301, Cheongneung-daero
Namdong-gu, Incheon, Korea
21633

Tel: (82-32) 820-0800

Fax: (82-32) 820-0801

Supplier:

GCP Australia Pty. Ltd.
14 Colebard Street West
Archerfield, Queensland 4108
Australia

Tel: 1800 334 444

Fax: +61 7-3275-7801

Further information obtainable from: APMSDS@gcpat.com

Emergency telephone number: After hours - Tel. No. 1800 039 008

2 Hazard(s) Identification

Classification of the substance or mixture:

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:

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.

vPvB: Not applicable.

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3 Composition and Information on Ingredients

Chemical characterization: Mixture:

Dangerous components:

10034-76-1	calcium sulfate hemihydrate	50-<100%
1317-65-3	Calcium carbonate	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:

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

No special measures required.

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.

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

Extinguishing media:

Suitable extinguishing agents: The product will not burn.

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.

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

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

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.
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 section 7.

Control parameters:

Ingredients with limit values that require monitoring at the workplace:

Total dust 10mg/m³, respirable dust 4mg/m³.

10034-76-1 calcium sulfate hemihydrate

TLV (USA)	Long-term value: 10* mg/m ³ *as inhalable fraction
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1317-65-3 Calcium carbonate

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable
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)

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.
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.).

P2 dust masks for nuisance dust protection, compliant with AS 1716:2021

Protection of hands:

Nitrile gloves (disposable or reusable), compliant with AS/NZS 2161.10:2005 / EN374-1:2016/Type A or Type B

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.

Hermetically sealed safety goggles

Body protection: Use personal protective equipment as required.

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 (~):	Not applicable.
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Change in conditions:-

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

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Flammability (solid, gas):	Not determined.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not applicable.
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.

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 It does not cause irritation.**Serious eye damage/irritation** No irritating effect.

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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.

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

ADR, IMDG, IATA

Not Regulated

UN proper shipping name

ADR, IMDG, IATA

Not Regulated

Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Not Regulated

Packing group

ADR, IMDG, IATA

Not Regulated

Environmental hazards:

Not applicable.

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Special precautions for user: Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not Regulated

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.

Department issuing SDS:

EHS Department,
 Asia Pacific Region
 GCP Applied Technologies Operations Center, Inc.,
 CTP Asean Tower, Upper Penthouse, Unit 1,
 2397 Asean Drive, Spectrum District, Filinvest Alabang, 1781,
 Muntinlupa City, Philippines
 Tel: + 63 2 8271 2300

The first date of preparation: 24.11.2022

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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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