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CNAS IB0071



NO.2619030144

SAFETY DATA SHEET

Product Name: MAGNESIUM FIREPROOF BOARD

Effective Date: 2019-04-11

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Shanghai Research Institute of Chemical Industry Testing Co., Ltd.



ZHANGJIAGANG WINNER INDUSTRY CO.,LTD.

SAFETY DATA SHEET

MAGNESIUM FIREPROOF BOARD

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: MAGNESIUM FIREPROOF BOARD
Company: ZHANGJIAGANG WINNER INDUSTRY CO.,LTD.
Address: A1101, (Junma Landmark Plaza), NO.121, West Shazhou Road, Yangshe Town,
Zhangjiagang City, Jiangsu Province, 215600, P. R. China
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Emergency Phone: 86-512-86682872
SDS Number: 2619030144
Effective Date: 2019-04-11

SECTION2 HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazards:
Not classified

Health Hazards:
Serious eye damage/eye irritation (Category 2)
Specific target organ toxicity - Single exposure (Category 3) (Respiratory tract irritation)

Environmental Hazards:
Classification not possible.

The hazards not mentioned are not applicable or no data available.

Label Elements:

Pictogram:



Signal Word:

Warning

Hazard Statements:

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Prevention Precautionary Statements:

P264 Wash thoroughly after handling.

P280 Wear eye protection /face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

Response Precautionary Statements:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

Storage Precautionary Statements:

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal Precautionary Statements:

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

The product has not been fully studied, and may have unknown potential hazards to human health and the environment.

SECTION3 INFORMATION ON INGREDIENTS

Product name: MAGNESIUM FIREPROOF BOARD

Ingredient	Concentration	CAS No.	EC No.
Magnesium oxide	40%	1309-48-4	215-171-9
Magnesium sulfate	25%	7487-88-9	231-298-2
Perlite	16%	93763-70-3	618-970-4
Sawdust	12%	/	/
Accessories	3%	/	/
Fiber glass fabric	2%	/	/
Non-woven fabric	2%	/	/

SECTION4 FIRST-AID MEASURES**Skin Exposure:**

In case of skin contact, flush with copious amounts of water. If irritation persists, Call a physician.

Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most important symptoms and effects, both acute and delayed:

No data available.

Indication of any immediate medical attention and special treatment needed:

No data available.

SECTION5 FIRE FIGHTING MEASURES**Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

Special hazards arising from the substance or mixture:

Take care as it may decompose upon combustion or in high temperatures to generate Carbon oxides, Magnesium oxides, Silicon oxides, etc.

Advice for firefighters:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

SECTION6 ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing dust. Entry to noninvolved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Do not flush with water.

SECTION7 HANDLING AND STORAGE**Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation of dust. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Halogen-halogen compounds, Acids. Avoid exposure to moisture. Wash hands and face thoroughly after handling. No smoking at working site.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Incompatible: Halogen-halogen compounds, Acids. Avoid exposure to moisture.

SECTION8 EXPOSURE CONTROL/PPE**Control parameters:**

Magnesium oxide: ACGIH (2015) TLV-TWA: 10 mg/m³ (II)

Appropriate engineering controls:

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Wear government approved respirator.
 Eye: Wear chemical safety glasses.
 Clothing: Wear appropriate protective clothing.
 Hand: Wear compatible protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:	White blocky solid
Odor:	Weak odor
Odor Threshold:	No data available
pH Value:	No data available
Solubility(ies):	Hardly soluble in water
Melting Point/Freezing Point:	No data available
Boiling Point, Initial Boiling Point and Boiling Range:	Not applicable
Flash Point (Closed Cup):	Not applicable
Density/Relative Density:	No data available
Viscosity:	Not applicable
Upper/Lower Flammability or Explosive Limits:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
n-Octanol/Water Partition Coefficient:	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	No data available
Flammability (Solid, Gas):	Not classified in Division 4.1 Flammable Solids

SECTION10 STABILITY AND REACTIVITY**Reactivity:**

No data available.

Chemical stability:

Stable under recommended conditions.

Possibility of hazardous reactions:

No data available.

Conditions to avoid:

Avoid exposure to moisture.

Incompatible materials:

Halogen-halogen compounds, Acids.

Hazardous Decomposition Products:

Carbon oxides, Magnesium oxides, Silicon oxides, etc.

SECTION11 TOXICOLOGICAL INFORMATION

Acute toxicity:

Magnesium sulfate: Rat Subcutaneous LD₅₀: 1200 mg/kg

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive toxicity:

No data available.

Specific target organ toxicity - single exposure:

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure:

No data available.

Aspiration hazard:

No data available.

SECTION12 ECOLOGICAL INFORMATION

Ecotoxicity:

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

Other adverse effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA DGR: Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO IMDG CODE: Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION**Regulation(EC) No 1272/2008 and amendments:**

Serious eye damage/eye irritation (Category 2)

Specific target organ toxicity - Single exposure (Category 3) (Respiratory tract irritation)

SECTION16 OTHER INFORMATION**Revision Date:**

2019-04-11

Department:

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.

Tel (Fax) :+86-21-52815377/31765555

Revision:

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Reference Standard:GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 7th revised edition**Other Information:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.