



MSDS

Report No.: HLF24006631E

Report Date: Jun 14, 2024

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Material Safety Data Sheet (MSDS)

Samples Name: HIGH STRENGTH RAPID REPAIR CONCRETE MATERIAL

Model: /

Item Number: /

Client Name: SHANDONG LEMAX FLOORING MATERIALS CO.,LTD

Address: 3rd Floor, Building 22, Luozhuang District Industrial Products Procurement Center, Linyi City, Shandong Province, China.

Post Code:/

scan to check the report



HLF24006631E

Authorized Signature: _____

Technology Manager

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FLION TESTING TECHNOLOGIES

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: See item 3

Manufacture: SHANDONG LEMAX FLOORING MATERIALS CO.,LTD

Address: 3rd Floor, Building 22, Luozhuang District Industrial Products Procurement Center, Linyi City, Shandong Province, China.

Contact Person: Li Guochao

Tel: /

Fax: /

Email: /

Section 2 - Hazards Identification

Fatalness grade: /

Invasion route: skin contact, eye contact, ingestion

Health hazards: Inhalation: product particles of normal size is not easy to breathe cause harm, but the operation of a large number of raw materials may produce dust, usually only be regarded as nuisance dust, respirable dust if higher density will cause irritation, can cause coughing or sneezing symptoms.

Skin: low hazard

Eyes: particles and dust may cause moderate irritation to the eye due to wear

Ingestion: if swallowed normally, it does not cause any known danger. If swallowed, a large amount of the substance may cause irritation to the digestive system due to wear

Environment hazards: This product will have any impact on the ecological environment. As a result, it can pollute water resources or the food chain.

Burn & burst danger: This product is not flammable

Section 3 - Composition/Information on Ingredient

Pure

Admixture

Composition:

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| Chemical name | The molecular formula | Molecular weight | Component rati (%) | CAS. | EC. |
|-----------------------------|---|------------------|--------------------|------------|-----------|
| Aluminium sulfate | Al ₂ O ₁₂ S ₃ | 342 | 50 | 10043-01-3 | 233-135-0 |
| Silicon dioxide | SiO ₂ | 60 | 40 | 7631-86-9 | 231-545-4 |
| Silica fumes | -- | -- | 5 | 69012-64-2 | -- |
| Methoxypolyethylene glycols | CH ₃ O.(C ₂ H ₄ O) _n .H | -- | 2.5 | 9004-74-4 | 215-801-2 |
| Calcium oxide | CaO | 56 | 2.5 | 1305-78-8 | 215-138-9 |

Section 4 - First Aid Measures

Skin touch: Remove contaminated clothes and rinse the skin with plenty of water.

Eyes touch: Flush your eyes with plenty of water for at least 15 minutes. Occasionally start the upper and lower eyelids. Seek medical attention

Inhalation: Leave the exposed area immediately and move to the fresh air. If you can't breathe, please give artificial respiration. If breathing is difficult, please supply oxygen. If cough or other symptoms appear, seek medical assistance

Ingestion: If symptoms persist, consult a doctor

Section 5 - Fire Fighting Measures Danger

Characteristic: This product is not flammable

Hazardous combustion products:/

Fire-Fighting method & media: /

Section 6 –Accidental Release Measures

Emergency Management: As far as possible to avoid generating dust, dust, otherwise please cleaned and recycled. If the overflow products cannot be reused, watering should be to damp, collect, and as far as possible please return it to the manufacturer. No pollution again buried in landfills qualified in

Section 7 - Handling and Storage

Handling:. Provide adequate ventilation. The operator must go through specialized training, strictly abide by the rules. It is suggested that operators wear masks, wearing overalls, wearing gloves. Keep away from fire, heat, smoking is prohibited in the workplace. Avoid dust. Use of ventilation system and equipment. Avoid oxidant and

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acid contact. Equipped with the appropriate variety and quantity the fire equipment and emergency treatment equipment. The empty containers may be left harmful.

Storage: Store in a cool, ventilated warehouse. Stay away from fire and heat. Should be kept separate from the oxidant and acid, avoid mixing reservoir. With the corresponding variety and quantity of fire equipment. The storage area should be equipped with emergency treatment equipment and proper acceptance materials.

Section 8 - Exposure Controls, Personal Protection

Maximum admissible concentration:

Average allowable concentration of eight hours day time: SiO₂:30mg/m³

Monitoring Method: /

Engineering Control: The use of dust collecting equipment for disposal, storage and cleaning, avoid dust concentration in the air over the limit. When necessary to reduce exposure to crystalline silica dust and humidity. Must have good ventilation, keep the dust deposition in the walls, stairs, windows, wall frame or machine equipment. Wear clean, right and through NIOSH certified OSHA compliant masks. Timing testing, cleaning or cleaning of ventilation and dust collection equipment

Respiratory Protection: Use a NIOSH approved respirator or a qualified respirator

Eyes Protection: It is recommended to use special goggles for Chemical operators to avoid contact with eyes

Body Protection: When you work, it is recommended to wear a full work suit. The contaminated clothes should be cleaned before they are worn again. Shower facilities are provided

Hands Protection: Wear rubber or PVC gloves to avoid prolonged or sustained contact during operation

Other Protections: Smoking, eating and drinking are forbidden on the job site. Keep good hygienic habits

Section 9 - Physical and Chemical Properties

Appearance: No data.

Color: No data.

Odor: No data

Density: No data

Boiling Point: No data.

Melting Point: No data

Flashpoint: No data

Vapour pressure: No data.

Solubility in water: No data

Partition coefficient (n-octanol / water): No data.

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Viscosity: No data.

PH Value: No data

Permission of solvent inhalation: No data.

Solubility: No data

Ignition temperature: No data

Section 10 - Stability and Reactivity

Stability: Stability under normal conditions

Distribution of Ban: /

Conditions to Avoid: /

Hazardous Polymerization: No data

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Acute Toxicity: No data.

Sub-acute and Chronic Toxicity: No data.

Irritation: No data.

Sensitization: No data.

Mutagenicity: No data.

Carcinogenicity: No data.

Others: / .

Section 12 - Ecological Information

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No applicable.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No applicable.

Other harmful effects: No known significant effects or critical hazards.

Section 13 - Disposal Considerations

Waste disposal method: no unified national regulations on the disposal of residual chemicals, chemical residues

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generally do special waste. The relevant regulations refer to the national and local governments should be disposed of before. Contact the local qualified waste disposal companies, processing according to their opinions

Section 14 - Transport Information

Number of dangerous goods: No applicable.

UN Number: No data.

Packaging Mark: No data.

Packaging Method: No data.

Transport Attention: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and so on. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Don't use device and tools which can easily produce spark for loading. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road.

Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety Data sheets for chemicals content and sequence section;

Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures;

IATA 65th Edition of the Dangerous Goods Code (2024 edition);

The Maritime Dangerous Goods Code (Amdt.41-22) (2022 edition);

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

*****End of MSDS*****

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