



# MSDS

Report No.: HLF24002602E

Report Date: Feb 1, 2024

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# Material Safety Data Sheet (MSDS)

**Samples Name:** Super wear-resistant carborundum

**Model:** /

**Item Number:** /

**Client Name:** SHANDONG LEMAX FLOORING MATERIALS CO.,LTD

**Address:** Building 22, industrial products purchasing center, Shengzhuang Street, Luo Zhuang District, Linyi, China

**Post Code:** /

scan to check the report



HLF24002602e

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:** /

**Contact Person:** Li guochao

**Tel:** /

**Fax:** /

**Email:**/

### Section 2 - Hazards Identification

**Fatalness grade:** /

**Invasion route:**. Inhalation, ingestion, percutaneous absorption

**Health hazards:**. Inhalation: Normal sized product particles are not easily inhaled into the body to cause harm, but handling large quantities of raw materials may produce some dust, usually considered only as a nuisance dust, if inhaled higher density of dust will cause an irritating reaction, can lead to coughing or sneezing symptoms.

Skin: Low hazard.

Eyes: Particles and dust may cause moderate irritation to the eyes due to wear effects.

Ingestion: If swallowed accidentally under normal circumstances, it does not cause any known danger. If swallowed in large quantities, the substance may cause an irritating reaction to the digestive system due to abrasion.

Inhalation: Normal sized product particles are not easily inhaled into the body to cause harm, but handling large quantities of raw materials may produce some dust, usually considered only as a nuisance dust, if inhaled higher density of dust will cause an irritating reaction, can lead to coughing or sneezing symptoms.

Skin: Low hazard.

Eyes: Particles and dust may cause moderate irritation to the eyes due to wear effects.

Ingestion: If swallowed accidentally under normal circumstances, it does not cause any known danger. If swallowed in large quantities, the substance may cause an irritating reaction to the digestive system due to abrasion.

**Environment hazards:**. This product will have any impact on the ecological environment. This can contaminate water resources or the food chain.

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**Burn & burst danger:** This product doesn't burn

## Section 3 –Composition/Information on Ingredient

Pure ■

Admixture

Composition:

Chemical name	Component ratio (%)
PO.425 General silica cement	34.5
Basalt	45
Iron ore sand	16.5
Silica	1.25
Slushing agent	0.25
Green powder	2.5

## Section 4 - First Aid Measures

**Skin touch:** When removing contaminated clothing and shoes rinse skin with plenty of water for at least 15 minutes before seeking medical attention.

**Eyes touch:** Flush your eyes with plenty of water for at least 15 minutes, occasionally starting the upper and lower LIDS. Seek medical attention

**Inhalation:** Leave exposed areas immediately and move to fresh air. If you cannot breathe, give artificial respiration. If you have trouble breathing, Please provide oxygen. Seek medical attention if you have a cough or other symptoms

**Ingestion:** If symptoms persist, consult your doctor

## Section 5 - Fire Fighting Measures Danger

**Characteristic:** This product doesn't burn

**Hazardous combustion products:** No

**Fire-Fighting method & media:** No

**Firefighters special protective equipment:** No

## Section 6 –Accidental Release Measures

**Emergency treatment:** It is suggested that the staff wear dust respirator and dress in work clothes. Shut off the

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divulgence source as soon as possible. Prevent the spillage flowing into restrictive space like the sewer and the drainage channel. Small amount of divulgence: clean off. Massive divulgence: recycle or transport to waste treatment place for handling..

## Section 7 - Handling and Storage

**Handling:** Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear respirator, wear work clothes, and wear gloves. Keep away from the fire source, heat source, no smoking in the work place. Avoid producing dust. Use explosion-proof type ventilation system and device. Avoid contacting with oxidizer and strong acid. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling. Empty the container which may include harmful material

**Storage:** Stored in a cool, ventilation of the treasury. Away from fire, heat source. With the oxidant and acid stored separately, avoid mixing reservoir. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be equipped with emergency treatment equipment for leakage and suitable housing materials.

## Section 8 - Exposure Controls, Personal Protection

**Maximum admissible concentration:** The average allowable concentration of eight-hour daily dose:  $\text{SiO}_2$ : 30mg/m<sup>3</sup>

**Monitoring Method:** /

**Engineering Control:** Use dust collection equipment for disposal, storage and cleaning operations to avoid the concentration of dust in the air exceeding the upper limit. Increase humidity if necessary to reduce exposure to silica dust. Good ventilation is required to prevent dust deposition on walls, stairs, windowsills, ledges or machinery. Wear masks that are clean, fit and certified by NIOSH as OSHA compliant. Regularly test, clean or clean ventilation and dust collection equipment.

**Respiratory Protection:** Use NIOSH approved respirator or qualified dust mask

**Eyes Protection:** It is recommended to use special goggles for chemical workers to avoid contact with eyes. Set up eye washing equipment.

**Body Protection:** It is recommended to wear full work clothes when doing homework. Clean contaminated clothing before wearing it again. Set up shower facilities

**Hands Protection:** Wear rubber or PVC gloves when working to avoid prolonged or continuous contact.

**Other Protections:** No smoking, dining and drinking water in the workplace. Keep good habit of hygiene

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## Section 9 - Physical and Chemical Properties

**Appearance:** No data.

**Color:** No data.

**Odor:** No data.

**Packing 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.

**Viscosity:** Not applicable

**PH Value:**/

**Permission of solvent inhalation:** No data.

**Solubility:** No data.

**Ignition temperature:** No data

## Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure.

**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.

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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 remnants of the disposal of chemicals, chemical residues in general do special waste. Refer to the national and local relevant regulations should be prior to disposal. Suggest that 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 Attentions:** 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.

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## Section 15 - Regulatory Information

### Regulatory Information:

ISO 11014-2009 Section of contents and sequence;

Regulation (EC) No 1272 / 2008 Substance and mixture classification, labeling and packaging regulations;

IATA Edition 64 Dangerous Goods Rules (2023 edition);

Marine Dangerous Goods Rules (Amdt. 40-20) (2020 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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