



Material Safety Data Sheet (MSDS)

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Identification of the Chemical and Company

Product identification

Product Name: YHGrout-500 Water-resistant colored tile grout

Product Description: Powder material is gray powder particles.

Product recommendations and restricted uses

Relevant identified uses: Used for all kinds of tiles, stone and other 1~4mm seam width caulking..

Uses advised against: No information

Security Data Sheet Provider Information

Company name: Beijing Oriental Yuhong Waterproof Technology Co., Ltd

Address: No.4 Building, Kang Jiayuan, Gao Beidian North Road, Chaoyang District, Beijing, China Post Code: 100123

Tel: 010-59031700

Fax: 010-85785519

Customer service: 400-779-1975

Mail: yuhong@yuhong.com.cn

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Hazards Summarizing

The type of harm: According to the Globally Harmonized System of Classification and Labeling (GHS), the product is non-hazardous materials, no GHS classification.

Invasion ways: Inhalation, skin contact, eye contact, ingestion

Environmental hazard: No information

Combustion hazard: No information

Physical and chemical hazards: The product is not flammable at normal room temperature, the product complies the specified requirements of combustion performance (level B).

Health hazard: Irritating to the skin

Body Hazard: Can cause skin irritation, dermatitis, continuous contact can cause chapped and skim. Eye contact for a long time can cause eye irritation, redness and shed tears.

3**Composition/Information on Ingredients**

Chemical name	CAS No.	Content (%)
Cement	65997-16-2	20-40
High molecular polymer	24937-78-8	2-3
Stone powder	1317-65-3	50-70

4**First-aid measures**

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with plenty of water and consult a physician if felt uncomfortable.

Eye Contact: Rinse thoroughly with plenty of water and consult a physician if felt uncomfortable.

Inhalation: Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a physician immediately.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Protecting of first-aiders: Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

5**Fire-fighting Measures**

Fire extinguishing media: Water, carbon dioxide, dry chemical powder, foam

Extinguishing step: Spraying water to cool the surface of the flame touched, and protects the safety of personnel.

Fire extinguishing procedure: As in any fire, wear self-contained breathing apparatus and full protective gear. Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used.

Harmful combustion: No information

6**Accidental Release Measures**

Emergency personnel protection: Remove all sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Avoid products into sewers, water network or low-lying areas.

Methods and materials for containment and cleaning up: Clean leaking area with water and make it solidify fast. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7**Handling and Storage**

Storage Temperature: Temperature should not be more than 40°C, and not less than 0°C.

Transport Temperature: Normal temperature

Loading and unloading of temperature: Normal temperature

Storage and transportation pressure: The atmospheric pressure

General mode of transportation: Such as trucks, containers, railway container, shipping containers, bulk storage.

General considerations: Keep containers tightly closed in a dry, cool and well-ventilated place, upright storage and no more than two. Keep away from heat, sparks, open flames, hot surfaces and direct sunlight. Handling should prevent extrusion, collision, keep the packages are intact.

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Exposure control and personal protection

Mechanical control measures/ventilation: Components with location control parameters. Specify material release, and release a quantity depends on processing conditions.

Respiratory protection: When the concentration is higher in air, wearing a filter type gas mask (half mask).

Eye Protection: Tightly fitting safety goggles.

Body protection: Wear protective material penetration overalls and non-slip safety shoes.

Hand protection: Wear rubber gloves. If protective gloves began to rot, it should be replaced immediately.

Other protection: Work site no smoking, eating and drinking water. After work, be sure to take a shower and change clothes. Pay attention to personal hygiene.

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Physical and chemical properties

Physical state: Powder

Form/color: Grey

Smell: Slight smell

Density: 1.3-1.4g/ cm³ (20 °C)

Flash point: Not applicable

Heat of combustion: Not applicable

Solubility: Slightly soluble in water

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Reactivity and stability

Reactivity: No information

Chemical stability: Stable

Possibility of hazardous reactions: No information

Incompatible materials: Strong acids, strong oxidants

Conditions to avoid: Keep away from heat, open flames and direct sunlight.

Hazardous decomposition products: Nonexistence

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Toxicological Information

Eye effect: Cause irritation of mucous membranes.

Skin effect: Can cause degreasing, skin cracking, and dermatitis.

Ingestion: Excitant, may cause dizziness when high concentrations of steam inhalation.

Ingestion: Eating can lead to bronchitis, pulmonary edema, and serious may cause death.

Reproductive toxicity: No information

Carcinogenicity: No information

According to our experience and the existing data, such as for specified purposes in accordance with the recommended take appropriate precautions, no adverse health effects. This statement, and pushed by products with similar components.

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Ecological Information

Biodegradation: Biodegradation and removal efficiency evaluation (H₂O): In fact product can remove from the water through the biological function, such as activated sludge adsorption method.

Eco-toxicity: If with proper biological treatment of low concentration is introduced into the system, did not foresee the inhibition activity of activated sludge degradation.

Remove material: > 70% soluble organic carbon reducing method (OECD 302 b, ISO 9888, 88/302 / EEC, part C) easy to remove from the water.

13**Disposal Considerations**

Disposal Information: In any case, must be careful. Ensure compliance with national and local laws and regulations. The product is not suitable for deep processing.

Disposal recommendations: Must not be disposed the old goods together with domestic water. Shall not pour into the drains and enter the drainage system. The empty bucket should be processing by the permit organizations.

The above matters only apply to the provided products. If the products have been mixed with other substances, you might need to follow the other disposal methods. If you have questions, please contact the company or the local authorities.

14**Transpor information**

Packing Label: General cargo

UN number: No information (The product is non-dangerous goods.)

UN proper shipping name: No information

Packing group: No information

Packaging Method: Plastic bucket

Limited quantities: Unlimited

Excepted quantities: Unlimited

IMDG-CODE: Be transported in accordance with the general cargo transport method. **ICAO/IATA-DG:** Be transported in accordance with the general chemical transport method. **UN-ADR:** Be transported in accordance with the general cargo transport method.

15**Regulatory Information**

“Hazard Chemicals Safety Statute” (Enforced from 1th November, 2011) and “Workplace safe use of chemicals” ([1996] labor department No. 423) which stipulated the procedures such as production, stock, transportation, discharge of hazard chemicals.

16**Other information**

Creation Date : 01

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Reason for revision : 1.0

Disclaimer

This Material Safety Data Sheet (MSDS) was prepared according to GB/T16483 and GB/T17519. The data only fit the appointed substance, maybe not be used for the condition which mixed with other materials or being used in. All the data is based on the current knowledge and experience. This data only be used in depicting safety rules of products and not assure the product properties. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume.