

Microcement

NO.: MSDS202547846350

Revision Date: 15.04.2025

1) Chemical product and Company Identification

Product Chinese name: 微水泥
Product English name: Microcement
End Uses: Decorative wall
Manufacturer/Supplier:
Foshan City Nanhai Wanlei Building Paint CO., LTD.
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2) Hazards Identification

Emergency overview

White powder. Cause skin irritation an allergic skin reaction. Cause serious eye damage. May cause respiratory irritation.

GHS Classification

Classification according to Regulation (GB 30000.2-2013~GB30000.29-2013)/GHS Rev4

Physical and Chemical hazards

Based on available data, the classification criteria are not met.

Human Health hazards

GHS05

Eye Dam.1-H318, Cause serious eye damage.

GHS07

Skin Irrit. 2-H315, Cause skin irritation.

Skin Sens.1-H317, May cause an allergic skin reaction.

STOT SE 3-H335, May cause respiratory irritation (Respiratory system).

Environmental hazards

Based on available data, the classification criteria are not met.

Label elements

Labelling according to Regulation (GB 30000.2-2013-GB30000.29-2013)/GHS Rev4

Hazard pictograms

Signal word Danger



Hazard statements

H315 Cause skin irritation.
H317 May cause an allergic skin reaction.
H318 Cause serious eye damage.
H335 May cause respiratory irritation (Respiratory system).

Precautionary statements

General precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Prevention precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response precautionary statements

P302+P352 IF ON SKIN: Wash with plenty of water/...
P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for reathing. Call a POISON CENTER/doctor/... /if you feel unwell.
P305+P35J+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/...
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Storage precautionary statements

P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

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Disposal precautionary statements

P501 Dispose of contents/container to an approved waste disposal plant in accordance with local/regional/national/international regulation.

Other hazards

There are no other known hazards.

3) Composition/Information on Ingredient

Substances ☐ Mixture ☒

Component	CAS No.	Concentration(%)	GHS Classification
Calcium carbonate 200#	471-34-1	43	Not classified
Composite silicate cement	65997-15-1	25	Skin Irrit. 2 -H315 Skin Sens. 1 -H317 Eye Dam. 1 -H318 STOT SE 3 -H335
Quartz sand	7631-86-9	20	Not classified
Polyvinyl alcohol	9002-89-5	5	Not classified
Titanium dioxide	13463-67-7	5	Not classified
Hydroxypropyl methyl cellulose	9004-65-3	1	Not classified
Inorganic bentonite	1302-78-9	1	Not classified

Remark Full text of Hazard Statements: see section 16.

4) First-aid Measures

Description of first aid measures

General advice

If symptoms persist, call a physician.

Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Skin contact

Wash off with soap and plenty of water. If symptoms persist, call a physician.

Eye contact

Flush eyes with water as a precaution. If symptoms persist, call a physician.

Ingestion

Rinse mouth with water. Call a physician.

Most important symptoms and health effects

No further relevant information available.

Advice for the protection of rescuers

No further relevant information available.

Special advices for doctors

Treat symptomatically.

5) Fire Safety Measures

Extinguishing media

Suitable extinguishing media

No further relevant information available.

Special hazards

No further relevant information available.

Precautions and measures for fire extinguishing

Wear self contained breathing apparatus for fire fighting if necessary.

6) Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

Environmental precautions

Should not be released into the environment. For more ecological information, please refer to section 12.

Methods and material for containment and cleaning up

Contain spillage, and then place in container for disposal according to local regulations.

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Preventive measures to prevent the occurrence of secondary disasters

See Section 7 for information on safe handling.

7) Handling and Storage

Handling

Avoid contact with eyes and skin. Avoid ingestion and inhalation. Wash hands before breaks and immediately after handling the product.

Storage

Store away from incompatible materials described in Section 10. Store in a dry, cool and well-ventilated place. Keep the container closed.

8) Exposure Control and Individual Protection

Occupational exposure limits

CAS No.	MAC	PC-TWA	PC-STEL
1302-78-9	—	6 mg/m ³	—

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies .

Monitoring methods

Not information available.

Engineering controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Eye/Face protection

Use equipment for eye protection tested and approved under appropriate government standards

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Hand protection

Protective gloves.

9) Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance and character	White powder
Odor	Weak odor
Ph-value	No data available
Melting point/ Freezing point	No data available
Boiling point/Initial boiling point/Boiling range	No data available
Flash point(closed cup)	Not applicable(no flash point)
Upper/lower flammability or explosive limits	
Lower	No data available
Upper	No data available
Vapour pressure	No data available
Vapour density	No data available
Density/ Relative density	No data available
Solubility	Mixed in water
Partition coefficient(n-octanol/water)	No data available
Auto-Ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gaseous)	Not applicable
Evaporation rate	No data available

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Odor Threshold	No data available
Explosive properties	No data available
Oxidizing properties	The substance does not belong to oxidizing substances
Viscosity	
Dynamic	No data available
Kinematic	No data available
Other information	No information available.

10) Stability and Reactivity

Stability

Stable at normal temperatures and storage conditions

Hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible materials.

Incompatible materials

Strong oxidizing agents.

11) Toxicological Information

Information on toxicological effects

Acute toxicity

Oral

Based on available data, the classification criteria are not met.

Dermal

Based on available data, the classification criteria are not met.

Inhalation

Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant/or classification

CAS No.	Route of exposure	Type of test	Species	Dose
47 1-34- 1	Oral	LD50	ob-	6450 mg/kg

Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse effects.

13) Disposal Considerations

Waste treatment methods

Recommendation - Waste from Residues I Unused

Products

Follow all local, state, and federal regulations for disposal of waste chemicals

Recommendation - Contaminated Packaging

Follow all local, state, and federal regulations for disposal of waste chemicals.

14) Transport Information

Land

UN-Number Not Regulated (Not dangerous goods)

UN proper shipping name Not Regulated (Not dangerous goods)

Transport hazard class(es) Not Regulated (Not dangerous goods)

Packing group Not Regulated (Not dangerous goods)

Sea(IMDG/ IMO)

UN-Number Not Regulated (Not dangerous goods)

UN proper shipping name Not Regulated (Not dangerous goods)

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Transport hazard class(es) Not Regulated (Not dangerous goods)

Packing group Not Regulated (Not dangerous goods)

EmS Number Not applicable

Remark: Not subject to the IMDG Code(Amdt 38-16).

Air(IATA/ICAO)

UN-Number Not Regulated (Not dangerous goods)

UN proper shipping name Not Regulated (Not dangerous goods)

Transport hazard class(es) Not Regulated (Not dangerous goods)

Packing group Not Regulated (Not dangerous goods)

Remark: Not subject to IATA DGR(60th, 2019).

Transport Labels and Signs

Not applicable.

Environmental hazards

Marine pollutant No

Precautions for transportation

No special precautions required

China Catalog of Strictly Restricted Toxic Chemicals

Inventory of the Existing Chemical Substances in China

Catalogue of Toxic Chemicals Strictly Restricted from

Import and Export in China

National Occupational Health Standards of the Peoples Republic of China

General rule for classification and hazard communication of chemicals

Classification and code of dangerous goods

Measures for Environmental Management of New Chemical Substances

List of the First Batch of Hazardous Chemicals under Key Supervision

List of dangerous chemicals under the second batch of key supervision

List of dangerous goods

Packing symbol of dangerous goods

Regulations on Safe Use of Chemicals in Workplaces

The proposal workplaces safe use of chemicals(No.177)

Recommendations on the TRANSPORT OF DANGEROUS GOODS

15)Regulatory Information

Regulatory information

Rules for classification and labeling of chemicals(GB 30000.2-2013 - GB30000.29 -2013)

Globally Harmonized System of Classification and Labelling of Chemicals(GHS)

General rules for preparation of chemical safety data sheet GB/T16483-2008

Guidance on the compilation of safety data sheet for chemical products GB/T 17519-2013

Law of the Peoples Republic of China on the Prevention and Control of Occupational Diseases

Regulation on the Safety Administration of Dangerous Chemicals

The Catalogue of Hazardous Chemicals

Inventory of the Existing Chemical Substances in China

16)Additional Information

Abbreviations and acronyms

GHS Globally Harmonized System of Classification and Labelling of Chemicals

CAS No. Chemical Abstracts Service Number

IMDG/IMO International Maritime Code for Dangerous Goods/ International Maritime Organization

IATA/ICAO International Air Transport Association/ International Civil Aviation Organization

LC50 Lethal concentration, 50 percent.

LD50 Lethal dose, 50 percent.

EC50 50% effective concentration

BCF Bioconcentration factor

NOEC no observed effect concentration

LOEC Lowest Observed Effect Concentration

OECD Organisation for Economic Co-operation and Development

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IARC International Agency for Research on Cancer
STEL STEL (Short Term Exposure Limit).
TWA Time-weighted average
IDLH Immediately Dangerous to Life or Health concentration
POW Partition coefficient Octanol: Water
MAC Maximum allowable concentration
PC-TWA Permissible concentration-Time Weighted Average
PC-STEL Permissible concentration-Short Term Exposure Limit
TLV-C Threshold limit value-ceiling
TLV-TWA Threshold limit value-time weighted average
TLV-STEL Threshold limit value-short term exposure limit

Full text of H-Statements referred to under sections 2 and 3

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

The contents and formats of the SDS are prepared in accordance with Regulations GB 16483-2008 and GB/T17519- 2013.

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