SDS Report

No: JCT-SDS20191016001 Date: Oct. 16, 2019

Client's Name: FOSHAN WANLEI BUILDING PAINT CO., LTD.

Client's Address: WANSHI INDUSTRY ZONE, SONGGANG, NANHAI, FOSHAN, GUANGDONG, CHINA.

Product Name: CLEAR WATER CONCRETE

Job Receiving Date: Oct. 14, 2019

Preparation Period: Oct. 14, 2019 - Oct. 16, 2019

Service Requested: Safety Data Sheet (SDS)

Summary: As per request, the contents and formats of the SDS are prepared in accordance with Regulations GB 16483-2008 and GB/T 17519 - 2013. For details, please refer to the attached Safety Data Sheet (SDS).



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Signed for and on behalf of
JCT Ltd.

GUANGZHOU JIECE TECHNICAL SERVICES CO., LTD. TESTING SEVICES

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Section 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product chinese name: 清水混泥土

Product english name: Clear Water Concrete

Product code: /

Brand: /

Details of the supplier of the material safety data sheet

Supplier

Name: Foshan Wanlei Building Paint Co., Ltd.

Address: Wanshi Industry Zone, Songgang, Nanhai, Foshan, Guangdong, China.

Zip code: 528234 **Fax:** +86-757-85227712

Phone number: +86-13823401617

E-mail: 3545705478@qq.com

Emergency telephone number

Supplier emergency contact phone number: +86-757-81760676

Recommended and restricted use of products

Recommended use: Brushing, wall construction

Restricted use: No data available

Reference Number: JCT-SDS20191016001

Section 2: Hazards identification

Emergency overview

Grey powder. Causes skin irritation. May cause an allergic skin reaction. Causes 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, Causes serious eye damage.



GHS07

Skin Irrit. 2 - H315, Causes 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	*Causes skin irritation.*
H317	*May cause an allergic skin reaction.*
H318	*Causes 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 breathing. Call a POISON CENTER/doctor/.../if you feel unwell.*

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P305+P351+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 offcontaminated 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.

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.

Section 3: Composition / information on ingredients

☐ **Substances** ☑ **Mixture**

Component	CAS No.	Concentration(%)	GHS Classification
Calcium carbonate 200#	471-34-1	47.75	Not classified
Calcium carbonate 100#	471-34-1	20	Not classified
Calcium hydroxide	1305-62-0	15	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335
Composite silicate cement	65997-15-1	10	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Eye Dam. 1 - H318 STOT SE 3 - H335
Poly(ethylene-co-vinyl acetate)	24937-78-8	5	Not classified
Hydroxypropyl methylcellulose	9004-65-3	1.25	Not classified
Inorganic bentonite	1302-78-9	1	Acute Tox. 4 - H302

Remark

Full text of Hazard Statements: see section 16.

Section 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.

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Use water, foam, dry chemical or carbon dioxide.

Unsuitable 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.

Section 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.

Preventive measures to prevent the occurrence of secondary disasters

See Section 7 for information on safe handling.

Section 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.

Section 8: Exposure controls/personal protection

Occupational exposure limits

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

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.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance and character	*Grey 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	*Not applicable*
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)	*Nonflammable*
Evaporation rate	*Not applicable*
Odor Threshold	*No data available*
Explosive properties	*Product is not explosive.*
Oxidizing properties	*The substance does not belong to oxidizing substances.*
Viscosity	
Dynamic	*Not applicable*
Kinematic	*Not applicable*

Other information

No information available.

Section 10: Stability and reactivity

Stability

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Stable at normal temperatures and storage conditions.

Hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible materials.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

No data available.

Section 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 for classification

CAS No.	*Route of exposure*	*Type of test*	*Species observed*	*Dose*
471-34-1	*Oral*	*LD50*	*Rat*	*6450 mg/kg*
1305-62-0	*Oral*	*LD50*	*Rat*	*7340 mg/kg*

Skin corrosion/irritation	*Category 2.*
Serious eye damage/eye irritation	*Category 1.*
Respiratory or skin sensitization	
Respiratory	*Based on available data, the classification criteria are not met.*
Skin	*Category 1.*
Germ cell mutagenicity	*Based on available data, the classification criteria are not met.*
Carcinogenicity	*Based on available data, the classification criteria are not met.*
Reproductive toxicity	*Based on available data, the classification criteria are not met.*
STOT-single exposure	*Category 3.*
STOT-repeated exposure	*Based on available data, the classification criteria are not met.*
Aspiration hazard	*Based on available data, the classification criteria are not met.*
Other hazards	*No other hazards.*

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Section 12: Ecological information

Eco-toxicity

Aquatic toxicity

CAS No.	
471-34-1	LC50: > 56000 mg/L, 96h, Freshwater fish
1305-62-0	LC50: 160 mg/L, 96h, Gambusia affinis

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No other adverse effects.

Section 13: Disposal considerations

Waste treatment methods

Recommendation - Waste from Residues / 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.

Section 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)
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.

Section 15: Regulatory information

Regulatory information

Rules for classification and 9abeling 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/T 16483-2008

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

Law of the People's Republic of China on the Prevention and Control of Occupational Diseases

Regulations on the Safety Administration of Dangerous Chemicals

The Catalogue of Hazardous Chemicals

Inventory of the Existing Chemical Substances in China

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 People's Republic of China

General rule for classification and hazard communication of chemicals

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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 DANGEROUSGOODS

Section 16: Other 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*
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	*Pemissible concentration-Short Term Exposure Limit*
TLV-C	*Threshold limit value-ceiling*
TLV-TWA	*Threshold limit value-time weighted average*

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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.*

Initial date of preparation/Latest revision date: *Oct. 16, 2019 / Oct. 16, 2019*

The contents and formats of the SDS are prepared in accordance with Regulations GB 16483-2008 and GB/T 17519 - 2013.

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