Material Safety Data Sheet

Company Name: Foshan City Nanhai Wanlei Building Paint CO., LTD.

Company Address: No. 102 Chantan Road, Xiangtougang, Wanshi Village, Songgang, Shishan Town, Nanhai District, Foshan City, China

Laboratory Name：Shenzhen Huapin Testing Technology Co., Ltd.

Laboratory Address: Room 302, Comprehensive Building, Songbai Industrial Park, No 4 , Yangyong Industrial Road, Tangxiayong Community, YanluoStreet, Bao'an District , Shenzhen.

Report on the submitted samples said to be:

Sample Name	: Emulsion paint
Trade mark	: N/A
Model	: Emulsion paint
Sample Receiving Date	: Jan.01, 2025
Testing Period	: Jan.01, 2025 – Jan.09, 2025
Results	Please refer to next page(s).

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Service Requested

A As specified by the client, to edit **Material Safety Data Sheet**（**MSDS**）for the submitted sample

Signed for and on behalf of

Approved by: _____
lab manager

Shenzhen Huapin Testing Technology Co., Ltd. HPT APPROVED

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

Product identifier

Product name	:	Emulsion paint
Alternative names	:	/
Product Item No. /Lot. No	:	HPT-250101L0913R
CAS No.	:	Refer to section 2
Molecular formula	:	Refer to section 2

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	:	/
Uses advised against	:	/

Details of the supplier of the safety data sheet

Applicant	:	Foshan City Nanhai Wanlei Building Paint CO., LTD.
Address	:	No. 102 Chantan Road, Xiangtougang, Wanshi Village, Songgang, Shishan Town, Nanhai District, Foshan City, China
Model	:	Emulsion paint
Manufacturer	:	Foshan City Nanhai Wanlei Building Paint CO., LTD.
Address	:	No. 102 Chantan Road, Xiangtougang, Wanshi Village, Songgang, Shishan Town, Nanhai District, Foshan City, China
Telephone	:	0757-85236020-8888
E-mail address	:	645416147@qq.com

Emergency telephone number

Emergency phone	:	0757-85236020-8888

Section 2: Composition / Information on Ingredients

Substance or Preparation: preparation

Section 2 – Composition/Information on Ingredient		
Product name: pure color functional paint		
Ingredient	**CAS NO.**	**Concentration%**
Water	7732-18-5	22.8%
Talcum powder	14807-96-6	7%
Cellulose	9004-34-6	0.2%
Titanium dioxide	1317-70-0	20%
Calcium carbonate	471-34-1	15%
Acrylic emulsion	25085-34-1	35%

Section 3: Hazards Identification

Classification of the substance or mixture This safety data sheet was prepared in accordance with CLP-Regulation (EC) No 1272/2008 , EC No 1907/2006	
Hazard category：	This product is safe and does not belong to dangerous goods
Hazard classes/Hazard category:	Not applicable
Hazard Pictograms:	Not applicable
Signal Word(S):	Not applicable
Hazard statements:	Not applicable
Precautionary statement:	Not applicable
Potential health hazards:	Not applicable
Environmental impact:	Not applicable
Carcinogenic substance:	Not applicable

Section 4: First Aid Measures

Description of first aid measures

General advice	:	Consult a physician. Show this safety data sheet to the doctor in attendance
If inhaled	:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician
In case of skin contact	:	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

no data available

Section 5: Fire and Explosion Data

Extinguishing media

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazard arising from the substance or mixture	:	Carbon oxides
Advice for firefighters	:	Wear self contained breathing apparatus for fire fighting if necessary.
Further information	:	no data available

Section 6: Accidental Release Measures

Person precautions protective equipment and emergency procedures	:	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8
Environment precautions	:	Do not let product enter drains.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal
Reference to other sections	:	For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling	:	Avoid contact eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.
Conditions for safe storage, including any incompatibilities	:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. hygroscopic
Specific end use(s)	:	A part from the uses mentioned in section 1.2 no other specific uses are stipulated

Section 8: Exposure Controls/Personal Protection

Control parameters	:	**Components with workplace control parameters**
Exposure controls		
Appropriate engineering controls	:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment		
Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection		Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Body Protection	:	impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	:	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure	:	Do not let product enter drains.

Section 9: Physical and Chemical Properties

Appearance	:	Liquid	**Odor**	:	Odorless
Boiling Point	:	>300	**Density**	:	No available data
Freezing point	:	No available data.	**Flashing Point**	:	No available data.
Explosion Upper Limits	:	No available data.	**Explosion Lower Limits**	:	No available data.
Vapor Pressure	:	No available data.	**Vapor Density**	:	No available data.
Viscosity	:	No available data.	**pH**	:	No available data.
Solubility	:	No available data			

Section 10: Stability and Reactivity Data

Reactivity	:	No available data.
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	No data available
Incompatible materials	:	Strong bases, Strong oxidizing agents
Hazardous decomposition products	:	Other decomposition products - no data available In the event of fire: see section 5

Section 11: Toxicological Information

Information on toxicological effects

Acute Toxicity	:	LD50 Oral - rat - 12.600 mg/kg LD50 Dermal - rabbit - > 10.000 mg/kg
Skin corrosion/irritation	:	Skin - rabbit Result: Mild skin irritation - 24 h
Serious eye damage/eye irritation	:	Eyes - rabbit Result: Mild eye irritation - 24 h
Respiratory or skin sensitisation	:	no data available
Germ cell mutagenicity	:	no data available
Carcinogenicity	:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	:	No data available
Specific target organ toxicity-single exposure	:	No data available
Specific target organ toxicity-repeated exposure	:	No data available
Aspiration hazard	:	No data available.
Additional information	:	RTECS: MA8050000 Prolonged or repeated exposure may cause:, Nausea, Headache, Vomiting Kidney - Irregularities - Based on Human Evidence

Section 12: Ecological Information

Toxicity	:	no data available
Persistence and degradability	:	no data available
Bioaccumulative potential	:	no data available
Mobility in soil	:	no data available
Results of PBT and vPvB assessment	:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	:	no data available

Section 13: Ecological Information

Waste treatment methods

Product	:	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	:	Dispose of as unused product

Section 14: Transport Information

Transport Attentions:

In the case of land, air and ocean shipping, avoid exposure to fire, water, prevent damp and insolation. The products restrict the use of own steel tanker shipment when railway transport, submit to relevant departments for approval. The transport vehicles should be equipped with the appropriate variety and quantity of fire control equipment and emergency equipment for leakage. In summer, best transport in morning or evening。Transport tank should have grounding chain，the inner of tank should have baffle hole plate to reduce static electricity. Ban mixed operation with antioxidants, acid, alkali metal and amine. Prevent insolate, rain and heat in transit。Keep away from fire，heat and high temperature when stopover. Exhaust pipes of transport vehicle must be equipped with fire retardant equipment.Ban load and unload with mechanical equipments and tools that easy to produce the spark. According to prescribed routes when road transport. Do not stay in residential area and densely populated area. Ban humping when railway transport. Ban bulk transport use wooden boats, concrete boats. The container must be handled carefully.
Please refer to section 7-HANDING AND STORAGE also, and requirements of the ADR-RID/PG Ⅲ, IMO/IMDG/PG Ⅲ, IATA/ICAO/PG Ⅲ.

Section 14: Transport Information

Packing Method: : No available data.

Maritime transport IMDG

IMDG Code	:	Not hazardous goods
UN-Number	:	Not available data
Packing group	:	Not available data
Proper shipping name	:	Not available data

DOT regulations

Hazard class	:	Not hazardous goods
Identification number	:	Not available data
Packing group	:	Not available data
Proper shipping name	:	Not available data

Land transport ADR/RID(cross-border)

Hazard class	:	Not hazardous goods
UN-number	:	Not available data
Packing group	:	Not available data
Proper shipping name	:	Not available data

Air transport ICAO-TI and IATA-DGR

ICAO-TI-II class	:	Not hazardous goods
UN/ID Number	:	Not available data
Packing group	:	Not available data
Proper shipping name	:	Not available data

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is harmless to marine.

Section 15: Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture	:	No data available
Chemical Safety Assessment	:	For this product a chemical safety assessment was not carried out

Section 16: Other Information

ACGIH	:	American Conference of Governmental Industrial
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
CLP	:	Classification Packaging and Labelling
EC	:	European Commission
ECHA	:	European Chemicals Agency
EINECS	:	The European Inventory of Existing Commercial Chemical Substances
GHS	:	Globally Harmonised System of Classification and Labelling of Chemicals
IARC	:	International Agency for Research on Cancer
IATA	:	International Air Transport Association
IBC Code	:	International code for the construction and equipment of ships carrying dangerous chemical in bulk
ICAO	:	International Civil Aviation Organization
IMDG	:	International Maritime Dangerous Goods
IC50	:	Inhibitory Concentration fifty
LC50	:	Lethal Concentration fifty
LD50	:	Lethal Dose fifty per cent.
MARPOL	:	International Convention for the Prevention of Pollution From Ships
REACH	:	Registration Evaluation And Authorisation Of Chemicals
RID	:	Regulations Relating to International Carriage of Dangerous Goods by Rail
RTECS	:	Registry of Toxic Effects of Chemical Substances
STEL	:	Short term exposure limit
TWA	:	Time-Weighted Average

Section 16: Other Information

OSHA	:	Occupational Safety and Health Administration
NIOSH	:	National Institute for Occupational Safety and Health
TLV-TWA	:	Threshold Limit Value-Time Weighted Average
TLV-STEL	:	Threshold Limit Value-Short Term Exposure Limit
PEL	:	Permissible Exposure Limit
MAK	:	Maximale Arbeitsplatz-Konzentration...

Conductor information
Date:Jun 09,2023
Data Audit Units: HPT
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*** End of Report ***