



SKSHU PAINT CO., LTD.
Chemical safety technical specification

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Latest revision date: 2024-7-10
Number: SKS/Z - SDS - 01
Version number: A1

Emulsion

Part 1 chemicals and enterprise identification

Chemical name: Synthetic resin emulsion coating

Chemical common name or commodity name: ForestCoat Exterior Paint SS345

Company name: SKSHU PAINT CO., LTD.

Company address: No.518 Liyuan North Avenue, Licheng District, Putian City, Fujian Province, China

Post code: 351100

Fax: 0594-2789088

Contact number: 0594-2803777

Email address: skshu@skshu.com.cn

Enterprise emergency call: national chemical accident emergency consultation line (the consignment agreement has been signed) : 0532-83889090

Recommended and restricted use: for finishing and finishing.

Part 2 overview of the risks

Emergency overview: a viscous liquid with uniform dispersion and no precipitation. No combustible under normal temperature. No acute health hazard.

GHS risk category: non-hazardous substances.

Label elements:

Hazard description: according to the global unified classification and labelling system of chemicals (GHS), this product is non-hazardous, without GHS classification according to existing experience and data, under the normal use of appropriate preventive measures, without adverse environmental health effects, please refer to the chemical safety technical manual before use.

Precautions: P101: you must be hospitalized with a product container or label.

P102 keep out of the reach of children.

P103 read the label before use.

Precautions: wash hands thoroughly after operation. Wear protective gloves, protective clothing and protective glasses.

Accident response: if:

Inhalation: if you feel unwell, seek medical advice.

Ingestion: rinse your mouth. Go to a doctor.

Skin (or hair) contact: remove all contaminated clothing immediately, rinse skin with water, shower. Contaminated clothes must be washed before reuse.



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Eye contact: rinse thoroughly and carefully with water.

Safe storage: avoid direct sunlight. Store in a well ventilated area and keep container closed.

Waste disposal: dispose this product and container according to local, regional, national and international regulations.

Physical and chemical hazard: this product is not flammable at normal temperature.

Health hazards: according to existing experience and data, there is no adverse environmental health impact under normal use of appropriate preventive measures.

Environmental hazards: no data available.

Part 3 composition information

Component	Concentration or range of concentrations	CASNO.
Emulsion	30-40%	25085-34-1
Titanium dioxide	10-20%	13463-67-7
Water	20-40%	7732-18-5
Filler	10-40%	/
Accessory Ingredient	1-6%	/

Part 4 first aid measures

First aid:

- **skin contact:** remove contaminated clothing and rinse thoroughly with soapy water and water. If you feel unwell, seek medical advice.
- **eye contact:** keep eyes open and rinse eyes with running water immediately for at least 15 minutes. Contact lens wearers should remove contact lenses. If your eyes feel unwell, seek medical advice.
- **inhalation:** quickly leave the site to the fresh air. If symptoms develop, seek medical advice immediately.
- **ingestion:** drink sufficient warm water, induce vomiting and seek medical advice.

Part 5 fire control measures

Extinguishing agent: according to the situation and the surrounding environment to



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adopt appropriate fire extinguishing measures.

Fire precautions and measures: move the container from the fire site to the open area as far as possible. Spray mist to keep the fire container cool until the end of the fire. Isolate the scene of the accident and forbid irrelevant personnel to enter. Accept and deal with fire water to prevent environmental pollution.

Part 6 emergency treatment of leakage

Protective measures, protective equipment and emergency procedures for operators: appropriate protective clothing and protective gloves are recommended for emergency personnel. Cut off the leakage source as much as possible. Cut off the fire source and power supply, and evacuate other personnel to a safe area.

Environmental protection measures: cut off the source of leakage, accept leakage, avoid environmental pollution. Prevent leakage into the sewer, surface water and groundwater.

Storage and elimination methods of leaked chemicals and disposal materials used: adsorption and collection of inert adsorbent materials can be sealed container, and transferred to a safe place

Part 7 handling and storage

Notes for operation: operators should receive special training and strictly abide by the operation rules. Avoid eye to skin contact. See part 8 for individual protective measures. Handle with care to prevent damage of packing and container. Wash your hands after use and don't eat or drink in the workplace.

Storage precautions: avoid direct sunlight. Store in a cool, ventilated warehouse. It should be stored separately from food chemicals and should not be mixed (see part 10 for prohibited compounds). Keep container sealed. The storage area shall be provided with emergency leakage treatment equipment and suitable storage materials.

Part 8 contact control/personal protection

Risk composition and occupational exposure limits:

Composition	Chemical abstracts registration number (CAS No.)	The standard source	Type of value (contact form)	Control parameters/allowable concentration



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Titanium dioxide	13463-67-7	GBZ 2.1-2007	PC-TWA (Total dust)	8 mg/m ³
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Monitoring methods: appropriate monitoring method recommendations are required. Seek guidance from qualified ehs professionals. For the sampling method of this substance, please refer to gbz159-2004 hazardous substances monitoring and sampling code. The product is in liquid state and does not involve dust hazards.

Engineering control: enhance ventilation and avoid inhalation. Provide safe shower and eye wash equipment.

Respiratory protection: wear a suitable respirator.

Eye protection: wear safety glasses.

Skin and body protection: wear work clothes.

Hand protection: wear gloves.

Other protection: smoking, eating and drinking water are prohibited at the work site. Avoid drinking alcoholic beverages before work, shower and change clothes after work, and maintain good hygiene.

Part 9 physical and chemical properties

Appearance and properties: viscous liquid

Odor: slight paint odor

PH: 8-9

Melting point: no data

Boiling point: no data available

Flash point: not applicable

Explosion upper limit % (V/V): not applicable

Lower explosion limit % (V/V): not applicable

Vapor pressure (25 °C) : countless according to the data

Vapor density: no data available

Density/relative density: 1.2 to 1.6 g/cm³ (25 ° C)

Solubility: slightly soluble in water.

N - octanol/water distribution coefficient: no data available

Spontaneous combustion temperature: not applicable

Decomposition temperature: no data

Part 10 stability and reactivity

Stability: stable under normal conditions.

Contraindication: strong oxidant.



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Avoid contact conditions: open fire, high heat.

Risk response: none.

Hazardous decomposition products: no data available.

Part 11 toxicology information

Acute toxicity: titanium dioxide: acute transoral lethal dose (LD50), oral administration: 20,000 mg/kg in rats

Note: (data source: international unified chemical information database (IUCRID)).

Skin irritation or corrosion: titanium dioxide: irritant.

Eye irritation or corrosion: no data available.

Respiratory or skin allergies: no data available.

Germ cell mutation: no data available.

Carcinogenicity: titanium dioxide: possible carcinogen.

Reproductive toxicity: no data available.

Specific target organ toxicity – one exposure: no data available.

Specific target organ toxicity – repeated exposure: no data available.

Part 12 ecological data

Ecotoxicity: product: no data available

Durability and degradability: no data available

Potential bioaccumulation: no data available

Migration: no data available.

Part 13 disposal of waste

Disposal method:

-- **product:** recycle as much as possible. Waste generation should be avoided or reduced wherever possible. No discharge into sewers, rivers or soil.

-- **unclean packaging:** return containers to the manufacturer or dispose of in accordance with national and local regulations.

Notes for waste disposal: residual wastes, contaminated containers and packages must be disposed of in accordance with the law on the prevention and control of environmental pollution by solid wastes (December 2004) and relevant regulations.

Part 14 transportation information



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United Nations dangerous goods number (UN): not managed as dangerous goods

United Nations transport name: not as dangerous goods management

United Nations risk classification: non-management of dangerous goods

Packaging category: /

Packing method: plastic bucket

Marine pollutants (yes/no): no

Transportation precautions: it is strictly prohibited to mix with oxidants and edible chemicals. Light loading and unloading to prevent packaging and container damage. Prevent the sun exposure, avoid the leakage of packaging. The transportation should be protected against insolation, rain and high temperature.

Part 15 regulatory information

Regulatory information:

Regulations on the safety management of hazardous chemicals:

Hazardous chemicals catalogue (2015 edition): not included

Hazardous chemicals (product only): no

The state administration of work safety announced the first batch of hazardous chemicals under special supervision: not included

List of explosive hazardous chemicals: not included

List of the second batch of hazardous chemicals under special supervision published by the state administration of work safety: not included

Regulations on the administration of precursor chemicals:

Provisions on the administration of import and export of precursor chemicals:

Classification and category list of precursor chemicals in the schedule to the regulations on the administration of precursor chemicals: not included

Regulations of the People's Republic of China on the administration of MCCS:

List of various MCCS: not included

Environmental regulations on the first import of chemicals and the import and export of toxic chemicals:

List of toxic chemicals that China strictly restricts in import and export: not included

Regulations on labor protection in workplaces where toxic substances are used:

List of high toxic substances: not included

New measures for environmental management of chemical substances:

China's existing list of chemical substances: all the ingredients listed

Ozone layer depleting substances control ordinance:

China controlled ozone layer depleting substances list: not included

Rotterdam convention (annex iii) : not included

Interim provisions on the supervision and management of major hazardous sources of hazardous chemicals:



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GB18218 identification of major hazard sources of hazardous chemicals: not included

Occupational disease prevention and treatment law of the People's Republic of China:

List of occupational hazards: other dust

Possible occupational diseases: other pneumoconiosis that can be diagnosed according to the diagnostic criteria for pneumoconiosis and the diagnostic criteria for pneumoconiosis

Occupational diseases: pneumoconiosis: other pneumoconiosis that can be diagnosed according to the diagnostic criteria of pneumoconiosis and the pathological diagnostic criteria of pneumoconiosis. The product is in liquid state and does not involve dust hazards.

Section 16 additional information

The latest revision date: Apr 10, 2025

Prepared by: ministry of environmental security

Modification instructions: this SDS is compiled according to the standard "contents and project sequence of chemical safety technical specification" (GB/T 16483-2008), and the previous version of MSDS is revised;

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