

Material Safety Data Sheet (MSDS)

1. Identification of the Chemical and Company

Product identifier

Product Name:

YHPri-418 Multi-function bonding promoter primer

Product Description :

Dark grey liquid

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

Relevant identified uses:

A primer for substrates such as concrete, mortar, metal, natural stone, ceramic, etc.

Uses advised against:

No information

Details of the supplier of the Safety Data Sheet

Company name:

Beijing Oriental Yuhong Waterproof Technology Co., Ltd

Contacts:

Courtyard 19, 9th Kechuang Street, Beijing Economic-technological Development Area, E-town, Beijing, China

Post Code: 100176

Tel: 010-59031700

Fax: 010-85785519

Customer service: 400-779-1975

Mail: yuhong@yuhong.com.cn

2. 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 :

Can cause skin irritation, dermatitis, continuous contact can cause chapped and skim.

3. Composition/Information on Ingredients

Chemical name	CAS No.	Content (%)
Styrene-acrylic emulsion	25085-34-1	30-50%
Free crystalline silica ($\text{Ø} > 10 \mu$)	14808-60-7	30-50%

4. First-aid Measures

General advice:

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

Skin Contact :

Wash with plenty of water and soap, consult a doctor if feel uncomfortable.

Eye Contact :

Rinse immediately with fresh water for at least 15 minutes, consult a doctor if feel uncomfortable.

Inhalation :

Remove casualty into fresh air, keep warm and at rest. If breathing is difficult, provide oxygen. If not breathing, perform artificial respiration and consult the first aid immediately showing the SDS and the hazard label.

Ingestion :

Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention or address to the 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

Suitable extinguishing media :

Water, carbon dioxide, dry chemical powder, foam

Specific hazard arising from the chemical :

Do not inhale explosion and combustion gases.
Buring produces heavy smoke.

Harmful combustion :

No information

Fire extinguishing procedure :

Wear self-contained breathing apparatus and full protective gear.
Collect contaminated fire extinguishing water separately, DO NOT discharge it into drains.
Remove undamaged containers if this can be done safely.

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 contamination and cleaning up :

Clean contaminated area with water before the material dries, or remove hardened material with alcohol or mechanically. 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 35°C, and not less than 5°C.

Transport Temperature :

Normal temperature

Loading and unloading of temperature :

Normal temperature

Storage and transportation pressure :

The atmospheric pressure

Modes of transportation :

General modes, such as trucks, containers, railway container, shipping containers, bulk storage.

General considerations :

Keep containers tightly closed in a dry, fresh and well-ventilated place, upright storage and no more than five. Keep away from heat, sparks, open flames, hot surfaces and direct sunlight. Handling should prevent extrusion, collision, keep the packages undamaged.

8.Exposure Controls/Personal Protections

Mechanical control measures/ventilation :

Components with location control parameters. Specify material release, and release a quantity depends on processing conditions.

Respiratory protection :

No data available.

Respiratory protection must be used where exposure levels exceed workplace exposure limits according to local rules.

Eye Protection:

Not needed for normal uses. Anyway, operating according to local safety measures.

Skin protection:

No special precaution must be adopted for normal use.

Hand protection:

Not obliged for normal uses, but protection gloves are recommended during operation.

9.Physical and Chemical Properties

Physical state:

Liquid

Form/color:

Dark grey

Smell:

Characteristic

PH value:

8.7

Density:

1.53g/ cm³ (23 °C)

Flash point:

Not applicable

Heat of combustion:

Not applicable

Solubility:

Soluble in water, non-soluble in oil

10.Stability and Reactivity

Reactivity:

No information

Chemical stability:

Stable

Possibility of hazardous reactions:

No information

Conditions to avoid:

Keep away from heat, flames and direct sunlight.

Hazardous decomposition products:

Nonexistence

11.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 is pushed by products with similar components.

12. Ecological Information

Biodegradation and removal efficiency evaluation (H₂O):

Product can be removed 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.

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:

Don't be disposed the old goods together with domestic water. Shall not pour into the drains and enter the drainage system. The empty buckets should be processed 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. Transport 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

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 responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.