HN-541

Material Safety Data Sheet

Water-based polymer emulsion / HN-541 / MSDS

01 Product and Company Identification

Product Name	Water-borne polymer emulsion
Trade Name	HN-541
Company	Qingdao Highonour Chemical Tech Co., Ltd.
Address	No. 3 Haiwan Road, Xinhe Ecological Chemical Industrial Base, Pingdu, Qingdao, Shandong, China
E-mail	business@highonour.com

02 Composition / Information on Ingredients

Substance Type	Mixture
Polymer dispersion	Approx. 45-55%
Water	Approx. 45-55%

03 Hazards Identification

GHS Classification	Not classified as highly hazardous under normal handling conditions.
Main Hazards	May cause mild eye or skin irritation. Avoid release to the environment.

04 First-aid Measures

Skin Contact	Wash with soap and water.
Eye Contact	Rinse cautiously with water for at least 15 minutes.
Inhalation	Move to fresh air.
Ingestion	Rinse mouth and seek medical advice if discomfort occurs.

05 Fire-fighting Measures

Suitable Extinguishing Media	Use media suitable for the surrounding fire.
Specific Hazards	Water-borne product; dried residues may burn.

06 Accidental Release Measures

Personal Precautions	Avoid contact with skin and eyes.
Clean-up Methods	Absorb with inert material and collect for disposal.
Environmental Precautions	Prevent entry into drains and waterways.

07 Handling and Storage

Handling	Use in a well-ventilated area and avoid prolonged skin contact.
Storage	Store tightly closed at 5-40°C. Protect from freezing and direct sunlight.

08 Exposure Controls / Personal Protection

Engineering Controls	Maintain good ventilation.
Eye Protection	Wear safety glasses.
Hand Protection	Wear chemical-resistant gloves when needed.
Respiratory Protection	Normally not required unless mist is generated.

09 Physical and Chemical Properties

Appearance	Milky liquid.
Odor	Slight characteristic odor.
pH	Approx. 6.0-9.0.
Solubility	Dispersible in water.

10 Stability and Reactivity

Stability	Stable under normal storage and handling conditions.
Conditions to Avoid	Freezing, heat and direct sunlight.
Incompatible Materials	Strong oxidizers, strong acids and strong bases.

11 Toxicological Information

Acute Toxicity	Expected to be low based on similar water-borne emulsions.
Irritation	May cause mild eye or skin irritation.

12 Ecological Information

Ecotoxicity	Avoid uncontrolled release to the environment.
Persistence	Polymer components are not expected to be readily biodegradable.

13 Disposal Considerations

Disposal Methods	Dispose according to local regulations. Do not discharge directly into drains.
Container Disposal	Empty containers may contain residues.

14 Transport Information

Transport Classification	Usually not regulated as dangerous goods.
Transport Precautions	Protect from freezing, heat and leakage.

15 Regulatory Information

Regulatory Information	Handle according to applicable chemical safety and environmental regulations.

16 Other Information

Disclaimer	The information is provided for safety management reference based on current product information.
Website	www.hhonour.com