

Material Safety Data Sheet

1. Product and company identification

Trade name: TS 121

Trade no: TS 121

Company name:

Hetrun Industry Group Limited

No. 6, Rd Shengping, No.83 of Rd Beilong, Dagang Town, Nansha District, Guangzhou of Guangdong, PRC

Emergency information:

Tel: (86)20-39116768

Fax: (86)20-39111477

2. Composition/Information on ingredients

Purify or mixture: Mixture

Composition: Water and Polymer

Composition	CAS #	Percent %
Cellulose	9004-67-5	10-15%
Glycan	9014-63-5	10-15%
Water	7732-18-5	70-80%

Chemical description: Polymer

Emergency material (%): None

3. Hazards identification

Emergency Overview:

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

Emulsion itself can hardly be ignited, but once it is dried, it is inflammable.

4. First aid measures

After skin contact:

Rinse immediately with plenty of running water at least 15 minutes, seek medical advice if necessary.

After eye contact:

Rinse immediately with plenty of running water at least 15 minutes and contact a physician.

After inhalation:

Move to fresh air. If symptoms persist, call a physician.

After ingestion: Rinse mouth and throat and get medical attention.

5. Fire-fighting measures

Suitable extinguishing media: Does not present a fire hazard. All types of extinguishing media are appropriate.

Extinguishing media which must not be used for safety reason: Do not use a solid water stream as it may scatter and spread fire.

Special protection equipment for fire-fighters: Wear self-contained breathing apparatus for fire fighting if necessary.

Special hazards by the product itself: Under conditions giving incomplete combustion, hazardous gases produced may consist of carbon monoxide(CO)and carbon dioxide (CO₂). Combustion gases of organic materials must in principle be graded as inhalation poisons

6. Accidental release measures

Personal precautions: Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

Environmental precautions: Do not empty into drains/surface water/ground water.

Process for cleaning and take-up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable and closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

7. Handling and storage

Handling: Follow sound industrial handling principles, avoid unnecessary contact and be extremely careful when handling.

Storage: Store in sealed original container. Keep temperature between 5 and 40 °C.

8. Exposure controls/ personal protection:

Engineering control: None

Personal protection:

Respiratory protection: A respirator is recommended for prolonged handling or exposure.

Hand protection: Wear chemical-resistant protective glove(EN 374).

Eye protection: Wear safety goggles.

Skin or body protection: Wear appropriate protective clothing to prevent skin contact.

General protection and hygiene measures: Do not eat, drink or smoke in working area. Wash hands thoroughly before work breaks and after handling the product. Keep a clean working area.

9.Physical and chemical properties

Delivery state: Liquid	Appearance: Translucent
Color: Milky white to light yellow	Odor: Slightly
Volatiles: 74.0 ~ 82.0 %	Specific Gravity: About 1.05
pH value: 5.0 ~ 8.0	Boiling point:About 100 °C
Ignition Temperature: NA	Flash Point: NA
Solubility in water: Miscible	Explosion Limits: Lower limit: NA Upper limit: NA
Vapor pressure: NA mmHg	Vapor density: NA

10.Stability and reactivity

Stability: Stable on storage conditions.
Possible hazard under special conditions: NA
Conditions to avoid: High temperature, freeze.
Material to be avoided: Materials that react with water.
Hazardous Decomposition Material: No hazards to be especially mentioned.

11.Toxicological information

Immediate toxic reaction: NA
Effects on exposed region: NA
Allergies induced: NA
Effects of long-term exposure: NA
Special reactions: NA

12.Ecological information

Possible effects on environment: NA

13.Disposal considerations

Product disposal: according to local Laws and regulations. The owner of the material is responsible for proper waste disposal.
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14. Transport information

International transportation regulations: follow regulations such as DOT, IATA/ICAO, IMDG
Domestic information: Non hazardous
Special transportation method and attention: NA

15. Regulatory information

No information

16. Other Information

Company	Hetrun Industry Group Limited	
	No. 6, Rd Shengping, No.83 of Rd Beilong, Dagang Town, Nansha District, Guangzhou of Guangdong, PRC	
Department	R & D	Name: Kelly Wang
Date	2021/08/01	

Additional information

The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.