



## HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

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# SAFETY DATA SHEET (SDS)

## HT Polymer Tackifier DYPAN-HT

SDS No.: DY-DYPAN-HT • Version: 2.9 • Revision date: 2025-10-10

GHS classification	Not classified as hazardous under GHS.
Primary hazards	Nonflammable and nonexplosive under normal conditions; mists/vapors may irritate the respiratory tract; surfaces can be slippery when wet.
Recommended PPE	Safety goggles (EN166) or chemical splash goggles; chemical-resistant gloves (e.g., nitrile); standard protective clothing; use P2/P95 respirator if mists/vapors may form or ventilation is inadequate.
Shelf life	24 months in unopened original packaging at 5–35 °C; keep dry and away from sunlight.
Packaging	200 kg drums . Store in a cool, dry, well-ventilated place away from heat/oxidizers; keep containers tightly closed to prevent leakage.
Intended use	Viscosifier and filtration-loss reducer for WBM (industrial use only).

### Contents

## SECTION 1. Identification of the substance and of the company/undertaking

Product identifier	HT Polymer Tackifier DYPAN-HT
Synonyms	HT Polymer Tackifier; Reducing Acrylic monomers copolymer
Recommended use	Viscosifier and filtration loss reducer for WBM

Supplier	HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD
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## SECTION 2. Hazards identification

- Classification (EC 1272/2008): Not classified. No signal word/pictogram required.  
Other hazards: Not classified as PBT/vPvB by current EU criteria. Direct contact may cause transient eye/skin irritation; spills can create slip hazard. Community Right-to-Know (SARA 311/312): Immediate (acute) — Yes; others — No.

## SECTION 3. Composition / information on ingredients

Substance	CAS No.	Concentration	Notes
Acrylic monomers copolymer	N/A	38–42%	Mixture; non-hazardous per GHS
Solvent oil	N/A	58–62%	Mixture; non-hazardous per GHS

## SECTION 4. First aid measures

- Eye contact: Rinse with water for at least 15 minutes while lifting eyelids; remove contact lenses if present and easy to do; seek medical attention if discomfort continues.  
Skin contact: Remove contaminated clothing; wash with soap and water; seek medical attention if irritation persists.  
Inhalation: Move person to fresh air; provide oxygen if breathing is difficult; get medical attention if symptoms occur.  
Ingestion: If conscious, give water or milk; do not induce vomiting; get medical attention.  
Notes for physician: Treat symptomatically.

## SECTION 5. Firefighting measures

- Suitable extinguishing media: Water spray/fog, foam, dry chemical, or carbon dioxide.  
Specific hazards: When heated, hazardous vapors/gases may form; wet product on surfaces may be extremely slippery; very high dust concentrations near ignition sources may form explosive dust-air mixtures.  
Protective equipment: Firefighters should wear self-contained breathing apparatus and full protective gear; cool exposed containers with water spray.

## SECTION 6. Accidental release measures

- Personal precautions: Wear protective clothing per Section 8; avoid contact with skin/eyes; ensure adequate ventilation.  
Environmental precautions: Prevent entry to drains and waterways.  
Methods for cleanup: Avoid generating and spreading dust; contain and collect with inert absorbent; shovel into dry containers, cover and remove; flush area with water and detergent; beware of slippery floors.

## SECTION 7. Handling and storage

- Handling: Avoid inhalation of mists or dust and contact with skin/eyes; use with adequate ventilation; practice good hygiene.  
Storage: Store in tightly closed original containers in a cool, dry, well-ventilated area; keep away from oxidizers and heat sources.

## SECTION 8. Exposure controls / personal protection

- Exposure controls: Provide adequate general and local exhaust ventilation.  
Respiratory protection: If exposure limits may be exceeded, use dust/mist filtering respirator (P2/P95).  
Hand protection: Nitrile or neoprene gloves for prolonged or repeated contact.  
Eye protection: Dust-resistant safety goggles.  
Other protection: Protective clothing to prevent skin contact; provide eyewash stations.

## SECTION 9. Physical and chemical properties

- See property table for typical values; parameters not listed are not available from current source.

Property	Value
Appearance	White emulsion
Not determined	Not determined
Odor	Odorless
Flash point (closed cup)	> 93 °C
Water solubility	Partially soluble
Boiling point	N/A
Freezing/Melting point	N/A
Specific gravity (water=1)	N/A

## SECTION 10. Stability and reactivity

- Reactivity: No dangerous reactions known under normal conditions.  
Chemical stability: Stable under recommended storage conditions.  
Possibility of hazardous reactions: Will not polymerize under normal conditions.  
Conditions to avoid: Extreme heat; incompatibles.  
Incompatible materials: Strong oxidizing agents.  
Hazardous decomposition products: When heated, vapors/gases hazardous to health may form.

## SECTION 11. Toxicological information

- Information on likely routes: Eyes, skin, inhalation.  
Acute effects: Low acute toxicity expected; may cause transient irritation to eyes/skin.  
Respiratory effects: High concentrations of mist may irritate the respiratory tract.  
Sensitization/Carcinogenicity/Mutagenicity/Reprotoxicity: Not expected based on available information.

## SECTION 12. Ecological information

- Ecotoxicity: No data available.  
Persistence and degradability: No data available.  
Bioaccumulative potential: No data available.  
Mobility in soil: No data available.  
Other adverse effects: Not identified as an ozone- depleting substance.

## SECTION 13. Disposal considerations

- Disposal methods: Recover and reclaim or recycle if practical; otherwise dispose in accordance with local regulations via licensed contractor.  
Contaminated packaging: Empty containers may contain residues; keep closed and send to approved recycler or reconditioner.

## SECTION 14. Transport information

- Not regulated as dangerous goods for transport by IMDG (sea), IATA (air), or ADR/RID (road/rail).  
UN number, proper shipping name, hazard class, and packing group: Not applicable.

Mode	UN/ID	Proper shipping name	Class/P.G.	Comments
ADR/RID (Road/Rail)	—	Not regulated (non-dangerous goods)	—	Keep containers tightly closed; protect from heat; prevent slipping

				hazards.
IMDG (Sea)	—	Not regulated	—	Not a marine pollutant as supplied.
IATA (Air)	—	Not regulated	—	Prevent leakage; observe airline packaging rules.

## SECTION 15. Regulatory information

- Follow applicable chemical safety regulations for production, storage, transportation, handling and use. Ensure compliance with destination market chemical inventories (e.g., IECSC/TSCA/DSL) as applicable.

## SECTION 16. Other information

- Issue date: 2025-10-10 • Supersedes: 2025-01-16  
Reason for revision: Reformatted into company master template; expanded Sections 2 and 10–16.  
Disclaimer: The information in this SDS pertains to the product as shipped and is provided without warranty.

Issue date: 2025-10-10 • Supersedes: Not determined

Disclaimer: The information in this SDS is believed to be accurate and is provided without warranty; users are responsible for determining suitability for their specific applications.

## Revision History

Version	Date	Change summary	Approved by
2.9	2025-10-10	Initial DYPAN-HT release using master template	QA