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SAFETY DATA SHEET (SDS)

HTVIS-200 (Clay-Free Polymer High Temperature Tackifier)

SDS No.: DY-HTVIS-200 • 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 / 25 kg pails (typical). Store in a cool, dry, well-ventilated place away from heat/oxidizers; keep containers tightly closed to prevent leakage.
Intended use	Viscosity/tackifier aid for drilling fluids (industrial use only).

Contents

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

Product identifier	HTVIS-200
Synonyms	Clay-free polymer high temperature tackifier
Recommended use	Oilfield chemicals; viscosity/tackifier aid for

	drilling fluids
Supplier	HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD
Address	Room 1504, Building A, Rising Times, Puyang City, Henan, China
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Website	https://www.dongyuchemical.com

SECTION 2. Hazards identification

- GHS classification: Not applicable (not classified as hazardous). No signal word/pictogram required.
Hazard statements: Not applicable. Precautionary statements: Avoid direct eye contact and prolonged inhalation of vapors or mists.
Other hazards: Direct eye contact may cause temporary discomfort; inhalation may irritate respiratory tract.

SECTION 3. Composition / information on ingredients

Substance	CAS No.	Concentration	Notes
Non-hazardous ingredient (mixture)	NA	>30%	Mixture; specific components not classified per supplier

SECTION 4. First aid measures

- General: Show this SDS to the physician.
Eye contact: Rinse thoroughly with water for at least 15 minutes; remove contact lenses if present; seek medical attention if discomfort persists.
Skin contact: Remove contaminated clothing and shoes; wash skin with plenty of water for at least 15 minutes; obtain medical advice if irritation persists.
Inhalation: Move the affected person into fresh air; if breathing is difficult, provide oxygen; if not breathing, administer artificial respiration and seek immediate medical attention.
Ingestion: Do not induce vomiting; do not give anything by mouth to an unconscious person; call a physician or Poison Control Center immediately.
Protecting first-aiders: Inform medical personnel of the material involved; use appropriate PPE to prevent secondary contamination.

SECTION 5. Firefighting measures

- Suitable extinguishing media: Water spray, dry chemical, foam, or carbon dioxide.
Specific hazards: Hazardous combustion gases or vapors may form in a fire; heated containers may expand or decompose. Prevent contaminated firefighting water from entering waterways.
Protective equipment: Firefighters should wear self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

- Personal precautions: Ensure adequate ventilation; remove ignition sources; avoid breathing vapors/mist; evacuate upwind if necessary.
Environmental precautions: Prevent further leakage if safe to do so; avoid discharge to the environment.
Cleanup: Absorb with dry sand or inert absorbent; for large spills, use bunding to contain; collect into labeled containers for disposal; use spark-proof tools.

SECTION 7. Handling and storage

- Handling: Work in well-ventilated areas; wear appropriate PPE; avoid contact with skin and eyes; keep away from heat/sparks/open flames/hot surfaces; prevent static discharge.
Storage: Keep containers tightly closed; store in a cool, dry, well-ventilated place away from ignition sources, incompatible materials, and foodstuffs.

SECTION 8. Exposure controls / personal protection

- Exposure limits: No specific OELs established.
Monitoring methods: EN 14042; GBZ/T 160 series for workplace air (as applicable).
Engineering controls: Provide adequate ventilation, especially in confined areas; ensure eyewash stations and safety showers near the workstation; use explosion-proof electrical/ventilating/lighting/equipment as appropriate.
PPE: Tightly fitting safety goggles; protective gloves (e.g., butyl rubber) meeting EN 374 / US F739 / AS/NZS 2161.1; respiratory protection if exposure limits are exceeded or symptoms occur (full-face respirator with AXBEK cartridges or equivalent); flame-resistant/antistatic clothing and boots.

SECTION 9. Physical and chemical properties

- See property table for available data; unlisted fields are not available from current source.

Property	Value
Appearance	White viscous liquid
Not determined	Not determined
Initial boiling point	> 80 °C

Flash point (closed cup)	Not applicable
Relative density (water=1)	1.15
Vapor pressure	Not applicable
Kinematic viscosity	Not applicable
Solubility	No data; handle as viscous liquid

SECTION 10. Stability and reactivity

- Reactivity: Contact with incompatible substances can cause decomposition or other reactions.
Chemical stability: Stable under proper operation and storage conditions.
Possibility of hazardous reactions: No specific data; avoid mixing with incompatible materials.
Conditions to avoid: Incompatible materials, heat, flames, sparks; avoid static discharge.
Incompatible materials: No specific data; avoid strong oxidizers as a precaution.
Hazardous decomposition products: Under normal conditions, hazardous decomposition products are not expected.

SECTION 11. Toxicological information

- Acute toxicity: No specific data available; based on information provided, low acute toxicity is expected.
Skin corrosion/irritation: No specific data; prolonged or repeated contact may cause mild irritation.
Serious eye damage/irritation: Direct contact may cause temporary discomfort and irritation.
Respiratory or skin sensitization: No data available; not expected to be a sensitizer.
Germ cell mutagenicity/Carcinogenicity/Reproductive toxicity: No components listed by IARC/NTP; no specific hazards expected based on available data.
STOT- SE/STOT- RE: Inhalation of mist or vapor may irritate the respiratory tract; repeated exposure may aggravate pre-existing conditions.
Aspiration hazard: Not expected based on product form/viscosity.

SECTION 12. Ecological information

- Ecotoxicity: No data available.
Persistence and degradability: No data available; handle to prevent environmental release.
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

- Waste chemicals: Follow applicable national and local regulations; incineration is recommended where permitted.
Contaminated packaging: Containers may remain hazardous when empty; keep away from heat/ignition; return for recycling where possible.

SECTION 14. Transport information

- Transport classification: Not regulated as dangerous goods for IMDG (sea), ICAO/IATA (air), or UN- ADR (road/rail). Ensure containers are tightly closed; prevent leakage; protect from heat/ignition during transport.

Mode	UN/ID	Proper shipping name	Class/P.G.	Comments
ADR/RID (Road/Rail)	—	Not regulated (non-dangerous goods)	—	Keep containers tightly closed; avoid heat and ignition sources.
IMDG (Sea)	—	Not regulated	—	Not a marine pollutant as supplied; verify per shipment.
IATA (Air)	—	Not regulated	—	Prevent leakage; observe airline packaging rules.

SECTION 15. Regulatory information

- Regulatory information: Confirm inventory status per destination (e.g., IECSC/TSCA/DSL, etc.). Based on source table, the formulation includes non- hazardous ingredients; verify for each shipment and market.
This SDS is prepared referencing UN GHS (9th rev.) and enterprise- provided data.

SECTION 16. Other information

- Issue date: 2025-10-10 • Supersedes: 2023-03-08
Reason for revision: Reformatted into company master template; updated Sections 2 and 10–16 for clarity and completeness.
Disclaimer: Information is believed accurate but provided without warranty; users must determine suitability for their specific application.

Issue date: 2025-10-10 • Supersedes: N/A

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