



HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

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SAFETY DATA SHEET (SDS)

Nano Polyester Sealer DYNP1

SDS No.: DYNP1 • 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	Chemical splash goggles; chemical-resistant gloves (e.g., nitrile); standard protective clothing; use P2/P95 respirator if aerosols/mists 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 (typical). Store tightly closed in a cool, dry, well-ventilated place; keep away from heat/ignition and oxidizers.
Intended use	Nano polyester sealer for drilling fluids (industrial use only).

Contents

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

Product identifier	Nano Polyester Sealer DYNP1
Synonyms	Nano polyester sealer
Recommended use	Oilfield chemicals
Supplier	HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

Address	Room 1504, Building A, Rising Times, Puyang City, Henan, China
Email	info@dongyuchemical.com
Website	https://www.dongyuchemical.com

SECTION 2. Hazards identification

- Hazard overview: May irritate the human body (eyes/skin/respiratory) if mishandled. GHS: Not classified; no signal word/pictograms required. Precautions: Avoid breathing vapors/aerosols; wear eye protection and gloves.

SECTION 3. Composition / information on ingredients

Substance	CAS No.	Concentration	Notes
Polyester resin	113669-95-7	50%	
Polyester polyols	—	20%	
Water	7732-18-5	30%	

SECTION 4. First aid measures

- Inhalation: Remove to fresh air; medical attention if respiratory irritation develops or breathing becomes difficult.
Ingestion: Rinse mouth; drink plenty of water; seek advice if large quantities were ingested.
Eyes: Flush with water for at least 15 minutes; obtain medical attention if irritation persists.
Skin: Wash with soap and water; remove contaminated clothing and launder before reuse.

SECTION 5. Firefighting measures

- Extinguishing media: Water fog, CO₂, sand, dry chemical.
Firefighting: Firefighters should wear SCBA and full protective clothing; evacuate area, fight from a safe distance.
Combustion products: Oxides of carbon.

SECTION 6. Accidental release measures

- Personal precautions: Wear specified PPE.
Spill response: Contain and collect with inert absorbent; avoid sources of ignition; dispose per Section 13.

SECTION 7. Handling and storage

- Handling: Use spark-proof/explosion-proof tools and equipment; avoid aerosol generation; no smoking.
Storage: Keep in a well-ventilated area away from incompatible materials and ignition sources.

SECTION 8. Exposure controls / personal protection

- Engineering controls: Use in well-ventilated areas; provide local exhaust if necessary.
PPE: Dust mask (as needed), safety glasses, rubber gloves, coveralls.

SECTION 9. Physical and chemical properties

- Appearance: Milky white liquid, odorless. Other physical parameters were not determined in the source MSDS.

Property	Value
Physical state / Color / Odor	Liquid; milky white; odorless
Not determined	Not determined
Flash point (method)	Not determined
Lower/Upper explosion limits	Not determined / Not determined
Auto-ignition temperature	Not determined
Solubility in water	Not determined

SECTION 10. Stability and reactivity

- Stability: Stable under normal conditions. Incompatibilities: Unknown; general caution with strong oxidizers/acids.
Hazardous reactions: Will not occur under recommended conditions.

SECTION 11. Toxicological information

- Primary route: Skin contact. Acute effects: Respiratory irritation possible; ingestion may cause discomfort; eyes—irritation/inflammation; skin—prolonged contact may cause mild irritation. Chronic effects: Not determined.

SECTION 12. Ecological information

- Ecotoxicity and other environmental data: No data reported in source MSDS.

SECTION 13. Disposal considerations

- Waste disposal: Dispose in accordance with EC, national, and local regulations.

SECTION 14. Transport information

- Transport: Shipping name—Not Restricted; UN number—NA; ICAO/IATA—NA.

Mode	UN/ID	Proper shipping name	Class/P.G.	Comments
ADR/RID (Road/Rail)	—	Not Restricted (Not regulated)	—	—
IMDG (Sea)	—	Not Restricted (Not regulated)	—	—
IATA (Air)	—	Not Restricted (Not regulated)	—	—

SECTION 15. Regulatory information

- Regulatory information: Not Restricted; classification/symbol NA; risk/safety phrases NA.

SECTION 16. Other information

- Disclaimer: Information relates to the specific material as supplied; users must assess suitability for their processes.

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

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.