

Oil Soluble Temporary Plugging Agent

1. PRODUCT & MANUFACTURER INFORMATION

Product Name: Oil soluble temporary plugging agent

Chemical Name: NW-1 Polymer

Product Description: Formation Damage Control Agent

Manufacturer/Supplier: BEIJING CONOVA TECH. CO., LTD.

Address: Room 210, Jingang Mansion, 105 building in Lize Central Park, Wangjing New Industry Zone, Chaoyang district, Beijing, P.R.China

Contacts: 0086 10 8478 1621

2. HAZARDS IDENTIFICATION

EXPOSURE THROUGH:

Eye Contact: × Ingestion: × Inhalation: × Skin Absorption: Skin Contact: ×

ACUTE EFFECTS:

Eye: Product may cause eye burns.

Skin: Product may be skin burns.

Ingestion: Product may cause gastrointestinal tract burns.

Inhalation: Product may cause chemical burns to the respiratory tract if inhaled.

CHRONIC EFFECTS:

Repeated or prolonged exposure is not known to aggravate medical condition.

3. COMPOSITION INFORMATION ON INGREDIENTS

Components:	Percentage	CAS No.	ACGIH TLV:	OSHA PEL:
Oil soluble Polymer	45 - 60%			
Oil soluble fiber	0 - 15%			

4. FIRST AID MEASURES

EYES CONTACT:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

INGESTION:

DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waist band. Get medical attention if symptoms appear.

INHALATION:

Remove to fresh air. Give artificial respiration if not breathing. Give oxygen if breathing is difficult. Call a physician if symptoms develop.

SKIN CONTACT:

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Immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°C): N/A

AUTO IGNITION TEMPERATURE (°C): N/A

EXPLOSIVE LIMIT:

Lower: N/A

Upper: N/A

EXTINGUISHING MEDIA:

CO₂: x

Dry Chemical: x

Foam: x

Fog: x

Water:

HAZARDOUS COMBUSTION PRODUCTS:

Product is combustible.

FIRE FIGHTING PROCEDURES:

Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear during fire fighting. Use extinguishing media most appropriate to extinguish surrounding fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None reported.

6. ACCIDENTAL RELEASE MEASURES

Little releases: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Clean spills by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Huge releases: Contain the spilled material in a convenient waste disposal container for sale, if possible. Clean the spill by spreading water on the contaminated surface and evacuate through the sanitary system.

7. HANDLING AND STORAGE

HANDLING:

Avoid unnecessary contact with skin and eyes. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from incompatibles such as acid etc.

STORAGE:

Stored in a cool, dry and ventilated area. Keep containers closed when not in use. Dispose of empty containers.

8. EXPOSURE CONTROLS AND PERSONAL PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

Eye protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

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Skin protection:

Wear protective gloves and long protective clothing with an apron.

Respiratory protection:

Use particulate respirators (NIOSH type N95 or better filters) where exposure to dust or mist is apparent and engineering controls are not feasible. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Ventilation:

Use local exhaust ventilation to minimize exposure to dusts, or control exposures below recommended limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Light Yellowish powder

Material Is: Powder

Boiling Point (°C): N/A

Freezing Point (°C): N/A

Melting Point (°C): 115 (Softening point)

pH Value: 6~7.5

Odor Threshold: N/A

Coefficient of W/O Distribution: N/A

Evaporation Rate (Acetate =1): N/A

Specific Gravity (Water=1): 1.2

Solubility in Water: white suspension liquid

Vapor Density: N/A

Vapor Pressure (Pa): N/A

Percent Volatile by Volume: N/A

10. STABILITY AND REACTIVITY

Stability: Normally stable

Conditions to Avoid: fire & high temperature

Hazardous Polymerization: Will not polymerize

Polymerization Description: Not relevant

Materials to Avoid: Acid and combustible

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

12. WASTE DISPOSAL METHOD

Disposal Methods: Prevent waste from contaminating surrounding environment. Discard any product, residue, disposal container or liner in accordance with all federal, state and local regulations.

13. ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY:

14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not regulated.

UN NUMBER: Not regulated.

HAZARDOUS CLASS: Not regulated.

PACKING GROUP: Not regulated

RQ (Reportable Quantity): Not regulated.

15. REGULATORY INFORMATION

United States:

Listed on TSCA Inventory: No

None of the chemicals in this product are considered highly hazardous by OSHA.

Canada:

Listed on Domestic Substances List: No

WHMIS Classification: Not a controlled product.

European Union:

This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS).

HMIS RATING:	HEALTH:	1
	FLAMMABILITY:	1
	REACTIVITY:	0
	PERSONAL PROTECTION:	E

16. OTHER INFORMATION

The information in this MSDS relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. In no case shall BEIJING CONOVA TECH. CO., LTD. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.