



## Hebei InnoNew Material Technology Co., Ltd.

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# Material Safety Data Sheet

### Section 1: Chemical Product and Company Identification

**Product Name:** Redispersible Polymer Powder

**CAS No.:** 24937-78-8

**Synonym:** Redispersible Emulsion Powder, Redispersible Latex Powder

**Recommended Uses:** Adhesive mortar, Surface mortar, Waterproof mortars, Self-leveling Cement, Caulks & Sealants, Gypsum-based Products

#### Contact Information:

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### Section 2: Composition and Information on Ingredients

Name	CAS #	% by weight
Redispersible Polymer Powder	24937-78-8	100

### Section 3: Hazards Identification

**GHS Classification:** None

**GHS Classification elements:** None

**Other Hazards:** Risk of dust explosion

### Section 4: First Aid Measures

#### General Information:

Under ordinary workplace conditions: No special measures required.

**After Inhalation:** Provide fresh air.

#### After contact with the skin:

Wash with plenty of water or water and soap

#### After contact with the eyes:

Rinse immediately with plenty of water, seek medical advice in case of continuous irritation.

**After Swallowing:**

If conscious, give several small portions of water to drink. Do not induce vomiting. In cases of sickness seek medical advice (show label if possible)

**Most important symptoms and effects, both acute and delayed:**

Any relevant information can be found in other parts of this section.

**Indication of any immediate medical attention and special treatment needed**

Due to its physical properties, may cause mechanical irritation. Product may agglutinate in the gastro-intestinal tract. Medical assistance should be sought. Depending on symptoms, invasive measures may be necessary.

**Section 5: Fire and Explosion Data**

**Suitable extinguishing media:** water spray, water mist, extinguishing powder, foam, carbon dioxide

**Extinguishing media which must not be used for safety reasons:** Water jet

**Special hazards arising from the substance or mixture at low oxygen level:** Acetic acid

**Advise for firefighters****Special protective equipment for fire fighting:**

Use respiratory protection independent of recirculated air.

**Section 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Do not breath dust

**Environmental precautions**

Cover any spilled material in accordance with regulations to prevent dispersal by wind

**Methods and materials for containment and cleaning up:**

Take up mechanically and dispose of according to local/state/federal regulations

**Further information:**

Eliminate all sources of ignition. Observe notes under section 7

**Reference to other sections**

Relevant information in other sections have to be considered. This applies in particular for information given on personal protective equipment (Section 8) and on disposal (section 13)

**Section 7: Handling and Storage****Precautions for safe handling:**

Avoid dust formation, Increased risk of slipping if substance comes into contact with water

**Precautions against fire and explosion:**

Avoid formation of dust-dust may form explosive mixture with air. Avoid dust deposit, remove dust regularly. Take precautionary measures against electrostatic

charging, keep away from open flames, heat and sparks

**Conditions for safe storage, including any incompatibilities**

**Conditions for Storage rooms and vessels:**

Observe precautionary measures against dust explosion

**Advice for storage of incompatible materials:**

No applicable

**Further information for storage:**

Not applicable

**Specific end use(s)**

Not applicable

## Section 8: Exposure Controls/Personal Protection

**Engineering Controls**

**Exposure Controls**

**Exposure in the work place limited and controlled.**

**General protection and hygiene measures:**

Do not breath dust, Do not eat, drink or smoke when handling.

**Personal Protection:**

**Respiratory protection:**

In case of dust formation: Fine dust mask without protection rating

**Hand protection:**

Recommendation: rubber gloves

**Eye protection:**

Recommendation in case of dust formation: tight fitting protective goggles

**Exposure to environment limited and controlled**

Only introduce into water purification plants in diluted state. Do not introduce large amounts into purification plants.

**Further information for system design and engineering measures:**

Observe regulations for protection against explosion

## Section 9: Physical and Chemical Properties

**General information:**

**Physical state and appearance:** Solid-powder

**Odor:** Odorless.

**Color:** Off-white. White

**Important information about the protection of health, safety and the environment property:**

**Molecular Weight:** (44.05)n g/mole

**pH (1% soln/water):** Not available.  
**Boiling Point:** Not available.  
**Melting Point:** Not available.  
**Flash point:** Not available  
**Auto-ignition temperature:** > 500°C  
**Lower explosion limit (LEL):** 40g/m<sup>3</sup>  
**Vapor Pressure:** Not applicable.  
**Bulk Density:** 400-550kg/m<sup>3</sup>  
**Water solubility:** moderately soluble at 20°C  
**pH value:** 6-5 at 20°C (500g/lH<sub>2</sub>O)  
**Viscosity (dynamic):** Not applicable

### Section 10: Stability and Reactivity Data

**Reactivity, Chemical stability, Possibility and hazardous reactions:**

If stored and handled in accordance with standard industrial practices no hazard reactions are known.

**Conditions to avoid:** None known

**Incompatible materials:** None known

**Hazardous decomposition products:**

If stored and handled properly, none known, at increased temperature, acetic acid

### Section 11: Toxicological Information

**Acute toxicity**

**Assessment:** Based on the available data acute toxic effects are not expected after single oral exposure

**Skin corrosion / irritation**

**Assessment:**

Based on the available data a clinically relevant skin irritation hazard is not expected.

**Serious eye damage / eye irritation**

**Assessment:**

Based on the available data a clinically relevant eye irritation hazard is not expected.

**Respiratory or skin sensitization:**

**Assessment:**

Based on the available data a sensitization reaction is not expected from this product.

**Germ Cell mutagenicity:**

**Assessment:**

Based on known data a significant mutagenic potential may be excluded.

**Carcinogenicity:****Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**Reproductive toxicity:****Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**Specific target organ toxicity (Single exposure)****Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**Specific target organ toxicity (repeated exposure)****Assessment:**

For this endpoint no toxicological test data is available for whole product

**Aspiration hazard****Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**Further toxicological information:**

During manufacture and use: No information on damage to health. Remark for the listed toxicological data: Evaluation in analogy to similar product.

**Section 12: Ecological Information**

**Ecotoxicity Toxicity:** Not available

**Persistence and degradability:** Not available

**Mobility in Soil:** Not available

**Section 13: Disposal Considerations****Water treatment methods:****Material:****Recommendation:**

Can be disposed of as household waste, Local legislation must be observed.

**Uncleaned Packing****Recommendation:**

Completely discharge containers (no tear drop, no powder rest, scraped carefully).

Containers may be recycled or re-used.

Observe local/state/federal regulations

**Section 14: Transport Information**

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

#### **Section 15: Other Regulatory Information**

Safety health and environmental regulations / legislation specific for substance or mixture.

National and local regulations must be observed.

#### **Section 16: Other Information**

**References:** Not available.

**Other Special Considerations:** Not available.

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