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## MATERIAL SAFETY DATA SHEET

**Product Name:** Redispersible Polymer Powder

**Revision Date:** 2010-01-25

**Compiler:** Liu Lintia

**Checker:** Yangyi

**Approver:** Zhangxiuqin



Shanghai Research Institute of Chemical Industry Testing Centre  
Shanghai Classification and Testing Centre of Dangerous  
Chemicals for State Administration of Work Safety

Jiangsu Zhaojia Materials Technology Co., Ltd.

# MATERIAL SAFETY DATA SHEET

## Redispersible Polymer Powder

### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Redispersible Polymer Powder  
Company: Jiangsu Zhaojia Materials Technology Co., Ltd.  
Address: Daxu Town, Tongshan County, Xuzhou City, 221124, P.R.China  
Email: zj@zjjckj.com  
Fax: 86-516-83036878  
Emergency Phone: 86-516-83036555; 86-13584815050  
MSDS Number: 2610010018  
MSDS Date: 2010-01-25

### SECTION2 INFORMATION ON INGREDIENTS

Product name: Redispersible Polymer Powder

Ingredient	Concentration	CAS No.	EC No.
Poly(Vinyl acetate-ethylenecopolymer)	>90%	/	/
Talc	<10%	14807-96-6	238-877-9

### SECTION3 HAZARDS IDENTIFICATION

**Hazards Identification:**

This substance is considered to be non-hazardous for transport.

**Emergency Overview:**

May irritate to eyes, respiratory system and skin.

**SECTION4 FIRST-AID MEASURES****Skin Exposure:**

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

**Eye Exposure:**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

**Inhalation Exposure:**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**Oral Exposure:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**SECTION5 FIRE FIGHTING MEASURES****Extinguishing Media:**

Suitable: Water spray, dry chemical powder, appropriate foam or carbon dioxide.

**Firefighting:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**SECTION6 ACCIDENTAL RELEASE MEASURES****Procedure of Personal Precaution:**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

**Methods for Cleaning up:**

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**SECTION7 HANDLING AND STORAGE****Handling:**

Wear appropriate protective clothing and chemical safety gloves. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

**Storage:**

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and foods.

**SECTION8 EXPOSURE CONTROL/PPE****Engineering Controls:**

Safety shower and eye bath. Mechanical exhaust required.

**Personal Protective Equipment:**

Respiratory: Wear government approved respirator.

Eye: Safety glasses.

Clothing: Wear appropriate protective clothing.

Hand: Compatible protective gloves.

**Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

Appearance: White powder

Odor: Weak odor

Melting Point/°C: 253.7°C Decomposition

pH Value: 8.5

Solubility: Slightly soluble in water

**SECTION10 STABILITY AND REACTIVITY****Stability:**

Stable under normal temperature and pressure.

**Conditions to Avoid:**

Moisture.

**Materials to Avoid:**

Strong oxidizing agents and foods.

**Hazardous Polymerization:**

Will not occur.

**Hazardous Decomposition Products:**

Carbon monoxide, Carbon dioxide, Magnesium oxide, Silicon oxides.

**SECTION11 TOXICOLOGICAL INFORMATION****Toxicity Data:**

No data available.

**Irritation Data:**

May irritate to eyes, respiratory system and skin.

**SECTION12 ECOLOGICAL INFORMATION****Ecotoxicity:**

No data available.

**Biodegradability:**

No data available.

**Non-Biodegradability:**

No data available.

**SECTION13 DISPOSAL CONSIDERATION****Appropriate Method of Disposal of Substance:**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber, or contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

**SECTION14 TRANSPORT INFORMATION**

**DOT:** Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

**RID/ADR:** Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

**IATA:** Non-Hazardous for Air Transport: Non-hazardous for air transport.

**IMO:** Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

**SECTION15 REGULATORY INFORMATION****EU Additional Classification:**

S: 2 26 36/37/39

Safety Statements: Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical. Wear suitable protective clothing, gloves and eye/face protection.

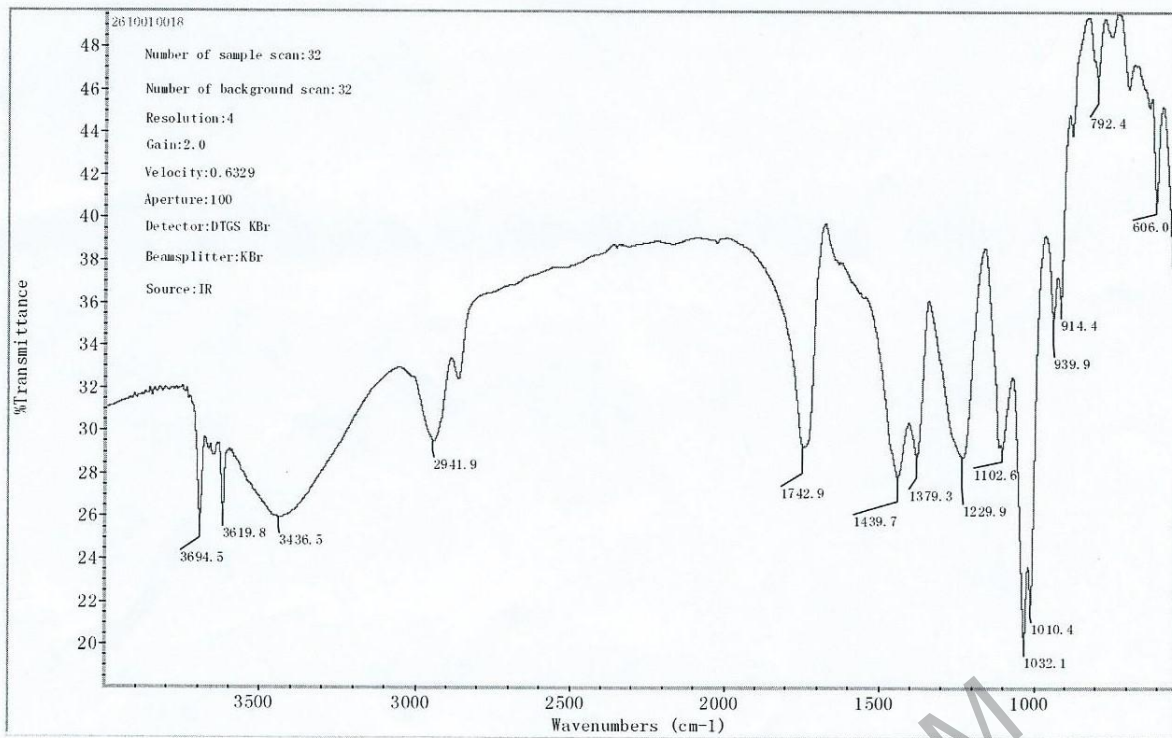
**SECTION16 OTHER INFORMATION**

**Date:** 2010-01-25

**Department:** Shanghai Research Institute of Chemical Industry Testing Centre  
Shanghai Classification and Testing Centre of Dangerous Chemicals for State Administration of Work Safety  
Tel(Fax):8621-52815377/52800971/52807275/52811034/52569800

**Revision:** 0

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