

# Material Safety Data Sheet

Material: Re-dispersible Polymer Powder  
Date of Preparation: 2015-06-15

## Section 1 - Chemical Identification

Company Name: **Longou International Business (Shanghai) Co., Ltd.**  
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## Section 2 - Product General Information and ingredients

Copolymer of vinyl acetate and ethylene can be re-dispersible in the water.  
**CAS No:** 24937-78-8  
**EINECS No:**

## Section 3- Hazards Identification

### **General Information:**

This material is not hazardous under OSHA criteria. This material is not hazardous under WHMIS criteria.

### **Physical Hazards:**

Nuisance dust.

### **Health effects**

#### **Eye contact:**

No acute toxic effects are expected.

#### **Skin contact:**

May cause slight skin irritation.

#### **Inhalation:**

No acute toxic effects are known.

#### **Ingestion:**

Not expected in industrial use.

#### **Chronic health effects:**

none known

## Section 4-First Aid Measures

### **After inhalation**

If inhaled, remove to fresh air; keep the victim lying down and restful

### **After contact with the skin**

If contacted with skin, wash skin with plenty of water or with water and soap.  
Get medical advice if symptoms occur.

### **After contact with eyes**

If contacted with eyes, wash eyes with plenty of water or with water and soap.  
Get medical advice if symptoms occur.

### **After swallowing**

If swallowed, give victim several glasses of water or induce vomiting. Get

medical advice if symptoms occur.

## Section 5 - Fire Fight Measures

### **Fire and explosion hazards**

Dust may form explosive mixture with air.

### **Extinguish media**

Using water-spray, carbon dioxide or foam-type extinguishing media, should not use sharp water jet

### **Personal Protection**

Fire fighters should wear full protective clothing including a breathing apparatus

## Section 6- Accidental Release Measures

Avoid dust formation. In case of release, cover any spilled material in order to prevent dispersal by wind and take up mechanically and dispose of according to local regulations

## Section 7-Handling and Storage

Stored in the precautionary measures to avoid dust explosion and dispersal.

Increased risk of slipping if substance comes into contact with water.

## Section 8-Exposure Controls/Protection

Mix in closed vessels to avoid excessive dispersion of dust in the air. If this is not possible, adequate extraction of the dust must be assured.

Dust limit (Inhalable Particulate):

TLV-TWA: 4 mg/m<sup>3</sup>

Vinyl acetate:

TLV-TWA: 10 ppm

## Section 9- Physical and Chemical Properties

**Appearance:** white solid powder

**Solid content:** ≥98.0

**Ash content(1000°C):**10±2%

**Average particle diameter (μ m):** Approx. 80

**Melting point:** not applicable

**Boiling point:** not applicable

**Vapour density:** not applicable

**Vapour pressure:** not applicable

**Stacking Density (g/l):** 400-650

**PH Value:** 6-8

**Flash point:** not applicable

**Explosion limits:** 15g/ m<sup>3</sup>

**Ignition temperature:** > 500°C

**Lowest membrane-forming temperature: 4°C**

## Section 10- Stability and Reactivity Information

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

## Section 11-Toxicological Information

During manufacture and use, no information on damage to health.  
Not irritating to eyes  
Slightly irritating to skins  
No toxic effect are know with inhalation

## Section 12-Ecological Information

Miscible with water (milky turbidity), poorly degradable.  
No indications of bioaccumulation known.

## Section 13-Disposal Information

Non-hazardous for air, sea and road freight

## Section 14-Transport Information

Non-hazardous for air, sea and road freight  
Air-Transportation- IATA DGR:  
Hazards Identification: None.  
The substance is not subject to IATA DGR.  
Sea-Transportation- IMO/IMDG:  
Hazards Identification: None.  
The substance is not subject to IMO / IMDG Code.

## Section 15-Regulatory Information

*Germany:*  
Water Hazard Class 1 (Self-declaration according to VwVws)  
*USA:*  
All components are TSCA listed.

## Section 16-Other Information

MSDS Version 1.0  
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