

# MSDS

## PRIMARY FORM ACRYLIC POLYMER RESIN

### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PRIMARY FORM ACRYLIC POLYMER RESIN

**Company Name:** Huzhou Ochem Chemical Co.,Ltd

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**MSDS No.:** OCHEM-07

**Effective date:** 2013.1.1

**Country Emergency Tel:** 0086 532 83889090 /83889191

### Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	Percentage	HAZARDOUS
Acrylic polymer resin	9009-54-5	40-42%	NO
Water	7732-13-5	58-60%	NO

The exact product composition depends on the source and purity used.

### Section 3 - HAZARDS IDENTIFICATION

#### HAZARD DESCRIPTION

None

#### Information pertaining to particular dangers for man and environment

Lightly irritating to eyes, noses and throat, possible, risk of irreversible effects through inhalation, in contact with skin and if swallowed.

#### Inhalation and ingestion:

The product is not volatility. No problem

#### Skin Contact:

May cause skin slightly irritation. Constant exposure to excessive amounts may cause dermatitis.

#### Eye Contact:

May cause redness, pain, cornea damage

Possible to pollute the ground surface water, earth, atmospheric and drinking water

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## **Section 4 - FIRST AID MEASURES**

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### **After inhalation**

No.

### **After skin contact**

Take off the polluted cloth, Immediately wash with water and soap and rinse thoroughly.

### **After eye contact**

Rinse opened eye for several minutes under running water. Then consult a doctor.

### **After swallowing**

Drink enough warm water. Seek immediate medical advice.

### **Information for doctor**

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## **Section 5 - FIRE FIGHTING MEASURES**

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**Hazard properties:** without heatable and spontaneously flammable phenomenon, noninflammable.

### **Suitable extinguishing agents**

Water, Carbon dioxide , dry chemical, extinguishing powder or sandy soil.

### **Protective equipment:**

Wear self-contained respirator.

Wear fully protective impervious suit.

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## **Section 6 - ACCIDENTAL RELEASE MEASURES**

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### **General Information:**

Segregate the release place, restrict the people to pass in,

### **Person-related safety precautions:**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources

### **Measures for environmental protection:**

Do not allow material to be released to the environment without proper governmental permits.

**Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

**Additional information:**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## **Section 7 - HANDLING AND STORAGE**

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### **Handling**

Operator must be well trained professionally, must strictly follow the operating rules

**Information for safe handling:**

Ensure no smoking, kindling approaching the workplace  
ventilation at the workplace  
care  
accumulation of static electric charges

Ensure good  
Open and handle container with  
Grounding the machine to prevent the

### **Storage**

**Requirements to be met by storerooms and receptacles:**

Store in a cool, dry, ventilated location.

**Information about storage in one common storage facility:**

Protect against physical damage.

Avoid dust formation and keep them far away ignition sources, keep the room temperature less than 30 degree C

Avoid direct sun exposure and ensure the container tightly sealed.

Do not store together with oxidizing and acidic materials

Equip enough fire fighting equipment.

List clear warning label of dangerous cargo

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## **Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Airborne Exposure Limits:**

MAC permissible Exposure limits: 0.1mg/m<sup>3</sup>

**A system of local and/or general exhaust** is recommended to keep employee exposures below the MAC limits. Local exhaust ventilation is generally preferred because it can control the emission of the contaminant at its source, preventing dispersion of it into the general work area. And recommended to prepare the essential shower and eye-cleaning equipment .

**Breathing equipment:**

If the exposure limit is exceeded and engineering controls are not feasible, a half-face piece particulate respirator should be worn up. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres

**Skin Protection:**

Wear rubber protective gloves and antistatic lab coat, apron or coveralls.

**Eye protection:**

Use chemical safety goggles.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**


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**Appearance :** white sticky liquid

**Dynamic viscosity:** 200-1000 mPa·s

**Density to water:** 1.1+/-0,1

**Boiling point:** 100°C

**Flash point:** No.

**Explosion limits(V/V):** no

**Ignition point:** no

**PH:** 6.5-8.5

**Solubility:** soluble to water.

**Rate of evaporation:** <1.00 water

**Percentage volatility:** 58~60% water

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**Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION**


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**Stability:** stable

**Materials to be avoided:** no.

**Hazardous Polymerization:** will no occur

**Products of decomposition:** Carbon monoxide and carbon dioxide

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**Section 11 - TOXICOLOGICAL INFORMATION**


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**Chronic toxicity:**

ORL-RBT LD50: >5000mg/kg

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**Section 12 - ECOLOGICAL INFORMATION**


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Environmental Fate: No information found.

Environmental Toxicity: No information found.

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**Section 13 - DISPOSAL CONSIDERATIONS**


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**Recommendation**

Consult state, local or national regulations to ensure proper disposal. Disposal must be made according to official regulations. Incineration is the recommended method for disposal.

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**Section 14 - TRANSPORTATION INFORMATION**


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**DOT regulations:**

<b>Hazard class:</b>	none
<b>Identification number:</b>	none
<b>Packing group:</b>	none
<b>Suggestion according to IMO IMDG Code:</b>	the substance is not subject to IMO IMDG code
<b>Packing method:</b>	plastic can
<b>ADR/RID class:</b>	none

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**Section 15 - REGULATORY INFORMATION**


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N/A

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**Section 16 - OTHER INFORMATION**


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**References:**

Dangerous Chemical regulation and standard operation manual made by CQC

International Chemical Safety Cards

Canadian Centre for Occupational Health and safety, CHEMINFO Database

GB16483-2000 Chemical MSDS making regulation

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