

# MSDS Report

Samples: POLYAMIDE RESIN

Client Unit: ANQING HONGTAI NEW MATERIALS CO., LTD

Client Adress: NO. 18 HUANGGUAN ROAD, HIGH-TECH  
INDUSTRIAL DEVELOPMENT ZONE,  
ANQING CITY, ANHUI PROVINCE, 246000  
CHINA



## Section 1 - Chemical Product and Company Identification

Product Name: Polyamide Resin

Manufacture: Anqing Hongtai New Materials Co., Ltd

Address: No. 18 huangguan road, high-tech industrial development zone, anqing city, anhui  
province, 246000 china

Post Code: 246000

Tel: 0556-5226287

Emergency Telephone: 0556-5212211

Fax: 0556-5226106

Email: info@hyhgcn.com

## Section 2 - Composition/Information on Ingredient.

Chemical Name	CAS No.	In % By Weight
Polyamide	68139-78-6	100

## Section 3 - Hazards Identification

No harm under normal use. At long Industrial condition, reference as follow.

### Eye

May cause eye irritation upon repeated or prolonged exposure. May cause eye burns if contact  
Phosphoric acid and Ethylenediamine..

### Skin

May cause skin irritation upon repeated or prolonged exposure. May cause eye burns if contact  
Phosphoric acid and Ethylenediamine..

### Inhalation

May cause respiratory tract irritation if inhaled Phosphoric acid and Ethylenediamine..

### Ingestion

May cause gastrointestinal tract burns if swallowed Phosphoric acid and Ethylenediamine..

## Section 4 – First Aid Measures

#### **Eye**

Immediately rinse thoroughly with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

#### **Skin**

Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/shoes. Follow by washing with soap and water. Get medical attention if need. Do not reuse clothing until cleaned.

#### **Inhalation**

Move victim into fresh air. If not breathing give oxygen. Consult a physician.

#### **Ingestion**

Rinse mouth out and give one or two glasses of water. Do not induce vomiting. Consult a physician.

## **Section 5 – Fire Fighting Measures**

**Fire point:** >100°C

**Flammability:** Non-Flammable.

#### **Extinguishing Media**

Carbon dioxide, dry chemical, water spray.

#### **Special protective equipment for fire-fighter**

Wear self contained breathing apparatus for fire fighter if necessary.

#### **Special Fire and Explosion Hazard**

Use water spray to cool closed container. Vapour of Ethylenediamine are heavier than air and may travel to a source of ignition and flash back. Vapours can spread along the ground and collect in low or confined areas. Vapours may explosive mixture with air.

#### **Products of Combustion**

Carbon monoxide, carbon dioxide, phosphoric oxides, nitrogen oxides, ammonia and/or derivatives, and other toxic fumes.

## **Section 6 – Accidental Release Measures**

#### **Steps to be taken in case material is spilled or released**

Ventilate and evacuate area. Wear appropriate personal protective equipment as specified in Section 8. Wet sweep up and containerize for reclamation or disposal, using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

#### **Waste Disposal Method**

Use Water Disposal Methods in accordance with local rules and regulations.

## Section 7 – Handling and Storage

### Handling Procedures

Keep away from water. Keep containerize closed when not in use. Minimize dust generation and accumulation. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Wash skin with soap and water after contact. Protect against physical damage. Empty contain products residue. Do not reuse and damage empty container.

### Storage Requirements

Store in a cool, dry and well-ventilated place. Consumption of food and beverage should be avoided in work areas. Wash hands with soap and before eating, drinking. Keep away incompatible substances, such as oxidizing agents, base, reducing agent, combustible materials, acid, fluorine, aluminum, zinc, copper, copper alloys.

## Section 8 – Exposure Controls, Personal Protection

### Engineering Protection

Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask, if needed.

### Respiratory Protection

Sufficient, in volume and pattern, to keep workroom concentration below current applicable OSHA safety and health requirements.

### Personal Protection

Safety glasses, protection gloves, and lab coat, eye washer and safety shower if needed

### Exposure Limits

#### Phosphoric acid

OSHA PEL 1mg/ m<sup>3</sup> (TWA)

ACGIH TLV 1mg/ m<sup>3</sup> (TWA); ACGIH STEL 1mg/ m<sup>3</sup> (TWA);

#### Ethylenediamine

OSHA PEL 10ppm (TWA); 25mg/ m<sup>3</sup> (TWA)

ACGIH TWA 10ppm.

NIOSH TWA 10ppm; 25mg/ m<sup>3</sup>; 1000PPM IDLH.

## Section 9 – Physical and Chemical Properties

**PH:** 7.0

**Flash point:** >100℃

**Flammability:** Non-Flammable

**Solubility:** Soluble in water difficult.

**Appearance characters:** Yellow with odourless solid.

**Chemical Uses:** Bonding & binding material for ink oil.

## Section 10 – Stability and Reactivity

### Storage Stability

Stable under recommended storage conditions.

### Incompatibilities

Heat, oxidizing agents, base, reducing agent, combustible materials, acid, fluorine, aluminum, zinc, copper, copper alloys.

### Hazardous Combustible Products

Carbon monoxide, carbon dioxide, phosphoric oxides, nitrogen oxides, ammonia and/or derivatives, and other toxic fumes.

## Section 11 – Toxicological Information

### Lithium carbonate

**Oral LDS0 Rats:** 525mg/kg.

**Dermal LD50 for Rat:** >2000mg/kg.

### Ethylenediamine

**Oral LD50 for Rats:** 1200mg/kg.

**Oral LD50 for Mouse:** 1 gm/kg.

**Dermal LD50 for Rabbit:** 730ul/kg.

## Section 12 – Ecological Information

Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks.

## Section 13 – Disposal Considerations

All disposals must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations, if regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled.

## Section 14 – Transport Information

**NOT REGULATED.**

**IMO/IMDG NOT REGULATED.**

## Section 15 – Regulatory Information

### Law Information

<< Technical Instructions for the Safe Transport of Dangerous Goods >>

<< Dangerous Goods Regulation >> (IATA)

<< International Maritime Dangerous Goods >>

OSHA Hazards

TSCA Status

DSL Status

SARA 302/311/312/313

California Proposition 65

In accordance with all Federal, State and Local laws.

## Section 16 – Other

THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE,  
HANDLE,  
STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION  
HAS  
BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND  
MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT.

MSDS Creation Date: JAN 1, 2019

