



烟台优联新材料有限公司

**YANTAI YOLIAN ADVANCED MATERIALS CO.,LTD**

Add:#406 Juzheng Building, No. 44 Zhujiang RD, Economic and Technological Development Dist., Yantai China Tel&Fax:0086-535-6393167

Email:export@modularresins.com Website: www.modularresins.com

## Technical Instructions for Material Safety (SDS)

### SECTION 1: Identification of the substance/mixture and company profile:

**Item:** Indoor Chemical Matt Hardener

**Product model:** YL-68

**Company name:** Yantai Yolian Advanced Materials Co.,Ltd

**Add:**#406 Juzheng Building, No. 44 Zhujiang RD, Economic and Technological Development Dist., Yantai China

Tel:0086-535-6393167 Fax:0086-535-6964678

### SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%(W/W)	EC No.
54553-90-1	2-Phcnyl-2-imidazoline pyromcllitate	≥99	/

### SECTION 3: HAZARDS IDENTIFICATION

**Hazard Symbols:** Non-dangerous

Acute Potential Health Effects/ Routes of Entry

**Eye:** Not applicable under normal conditions of use.

**Skin:** Not applicable under normal conditions of use.

**Ingestion:** Not applicable under normal conditions of use.

**Inhalation:** Not applicable under normal conditions of use.

**Chronic:** NO



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#### Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

#### Chronic Health Effects

This product contains granular materials which may cause mechanical skin, eye or respiratory irritation.

Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans. Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath.

## **SECTION 4: FIRST AID MEASURES**

### **4.1 Description of first aid measures**

**General notes:** In all cases of doubt, or when symptoms persist, seek medical attention.

#### **Following inhalation:**

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen. Get medical aid.

#### **Following skin contact:**

Flush skin with plenty of soap and water. Take off contaminated clothing and shoes immediately.

Get medical aid if irritation develops or persists.

#### **Following eye contact:**

Immediately flush eyes with copious amounts of water for at least 15 minutes, occasionally lifting

the upper and lower eyelids. Consult a physician if irritation occurs.



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#### **Following ingestion:**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Rinse mouth with water. Consult a physician.

Notes for the doctor:

Treat symptomatically and supportively.

**Treatment may vary with condition of victim and specifics of incident**

#### **4.2 Most important symptoms and effects, both acute and delayed**

##### **Potential Health Effects**

Eye: Dust may cause mechanical irritation.

Skin: May cause skin irritation, redness and pain. May be harmful if absorbed through the skin.

Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea.

Inhalation: Dust may cause respiratory tract irritation with sore throat, coughing.

Heat generated during the processing of fume may cause irritation.

#### **4.3 Indication of the immediate medical attention and special treatment needed**

Attending physician should treat exposed patients symptomatically

### **SECTION 5: FIRE FIGHTING MEASURES**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media:**

Use water spray, carbon dioxide, dry chemical powder, or appropriate foam.

##### **Unsuitable extinguishing media:**

Not available.

#### **5.2 Special hazards arising from the substance or mixture**

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

#### **5.3 Advice for fire-fighters**



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As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Use proper personal protective equipment as indicated in Section 8.

Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust.

**6.2 Environmental precautions**

Do not let product enter drains and environment.

**6.3 Methods and material for containment and cleaning up**

Evacuate personnel to safe areas.

Vacuum or sweep up material and place into a suitable disposal container.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air.

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact.

Wash thoroughly after handling.

Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid contact with eyes, skin, and clothing. Avoid breathing dust.

Do not eat, drink or smoke while handling the product. Avoid prolonged or repeated exposure.

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

Store in a cool, dry, and well-ventilated away from incompatible substances.

Store in a tightly closed container. Keep away from heat sources and oxidants.



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Store away from foodstuffs.

## **SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

### **Appropriate engineering controls:**

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use only under a chemical fume hood.

### **Personal protective equipment:**

Eye and face protection: If great amounts of dust occur: Wear glasses with side protection.

Skin protection:

Body protection:

Wear an apron or a lab coat.

Hand protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place. Experience says that polychloroprene, nitrile rubber, butyl rubber, Fluoro-caoutchouc and polyvinyl chloride are suitable as glove materials for protection against un-dissolved solids.

Respiratory protection:

In an emergency (e.g.: unintentional release of the substance, exceeding the occupational exposure limit value) respiratory protection must be worn.

Consider the maximum period for wear.

Respiratory protection: Particle filter P2 or P3, colour code white.



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**Environmental exposure controls:**

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

**Industrial hygiene:**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

**Appearance:** Powder

**Colour:** White

**Odour:** Irritating odor

**PH:** No data available.

**Melting point:** No data available.

**Boiling point:** Not applicable.

**Density:** No data available.

**Partition coefficient (n -octanol/water):** No data available.

**Solubility (ies):** Insoluble in water

**Flash point:** No data available.

**Auto-ignition temperature:** No data available.

**Explosive properties:** No data available.

**9.2 Other information**

No data available

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

No information available.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**



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Hazardous Polymerization: Will not occur.

Exothermic reaction with: Hydrogen halides, halogen oxides, alkali hydroxides, sodium, xenon hexafluoride.

#### **10.4 Conditions to avoid**

Incompatible materials. Dust generation, high temperature.

#### **10.5 Incompatible materials**

Strong oxidizing agents, strong acids, strong bases.

#### **10.6 Hazardous decomposition products**

Irritating and toxic fumes and gases. Carbon dioxide, carbon monoxide.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1 Toxic kinetics, metabolism and distribution**

Not available

#### **11.2 Information on toxicological effects**

Acute toxicity:

Quantitative data on the acute oral/inhalation/dermal toxicity of this product are

Not available.

#### **Skin corrosion/irritation:**

Quantitative data on the skin irritation of this product are not available.

#### **Serious eye damage/irritation:**

Quantitative data on the eye irritation of this product are not available.

### **SECTION 12: ECOLOGICAL INFORMATION**

#### **12.1 Toxicity**

Quantitative data on the acute fish/daphnia/algae/bacteria toxicity of this product are not available.

#### **12.2 Persistence and degradability**

To the best of our knowledge, the toxicological properties have not been thoroughly investigated.



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**12.3 Bioaccumulative potential**

To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

**12.4 Mobility in soil**

To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment is not available as chemical safety assessment not conducted.

**12.6 Other adverse effects**

No data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

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

**SECTION 14: TRANSPORTATION / SHIPPING DATA**

**14.1 Land transport**

**(ADR/RID/GGVSE)**

This product is not regulated as a hazardous material or dangerous goods for transportation.

**14.2 Sea transport (IMDG-Code/GGVSee)**

This product is not regulated as a hazardous material or dangerous goods for transportation.

**14.3 Air transport (ICAO-TI/IATA-DGR)**

This product is not regulated as a hazardous material or dangerous goods for transportation.





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#### **14.4 Additional information**

No data available.

### **SECTION 15: REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulation:**

**Authorisations:** No information available.

**Restrictions on use:** No information available.

**DSD (67/548/EEC):** All the ingredients of the product are not listed in the Annex I.

**Other chemical regulation:**

**USA - TSCA:** All the ingredients of the product are listed in the inventory.

**Canada - DSL:** All the ingredients of the product are listed in the inventory.

**Australia - AICS:** All the ingredients of the product are listed in the inventory.

**Korea - ECL:** All the ingredients of the product are listed in the inventory.

**Japan - ENCS:** All the ingredients of the product are listed in the inventory.

**China - IECSC:** All the ingredients of the product are listed in the inventory.

#### **15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance.

### **SECTION 16: - OTHER INFORMATION**

First publish date: Dec 6th ,2016

Made by:QC Department

Latest version date: Feb 27th,2021

Version:2

SDS Provided by:Yantai Yolian Advanced Materials Co.,Ltd.

Explanation: With the continuous expansion of the product application and the increase of knowledge, we will regularly modify and improve SDS without prior notification. The data is not the product manual, therefore we can not foresee and



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control the specific circumstance of its products, which we can not guarantee the applicability and accuracy of the products In any particular case. The industrial health and safety treatment procedure is only based on our experience and general consensus in the industry. Customers should read the data and product instructions carefully to determine whether they are suitable for your application.