



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

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## **Technical Instructions for Material Safety (SDS)**

### **1. Item & Company profile**

Item: Levelling Agent

Product model: LV-888

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

### **2. Hazard information**

#### **2.1. Hazard classification**



3.1/4 Harmful to swallow, harmful to skin contact and harmful to inhalation.

3.2/2 causes skin irritation.

3.3/2A Severe eye irritation.

3.4/1B May cause allergic skin reactions.

4.1/4 May have long lasting effects on aquatic life.

#### **Precautions:**

Read safety instructions before use.

Avoid inhaling dust.

Clean the body parts exposed to dust thoroughly after operation, such as hands, arms and face.

Do not eat, drink or smoke while using this product.

Only use outside or in ventilated areas. Prevent the production of dust.

Keep away from open flames. Beware of electrostatic discharge. No smoking.

Avoid discharge in the suburbs.

Wear protective gloves/protective clothing/protective eye mask/protective face mask.



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**Emergency summary:**

If ingested by mistake: Seek immediate help from a poison control center or doctor/physician.

If skin is contaminated: Wash with plenty of soapy water and clean water.

In case of accidental inhalation: Remove victim to fresh air and maintain a comfortable breathing rest position.

If in eyes: Rinse carefully with water for several minutes. Take out contact lenses if you have hidden glasses and are convenient. Keep rinsing.

If eye irritation persists: seek medical attention.

If skin irritation occurs: Seek medical attention.

If skin irritation or rash occurs: Seek medical attention.

Clean soiled clothes before wearing them again.

In case of fire: Used for carbon dioxide, dry powder, foam or water mist extinguishing.

In case of fire: Avoid producing dust.

**2.2 Label elements**

**Signal word**

Not applicable

●Notice:

P260: Do not breathe dust.

P285: Wear personal protective equipment with good air permeability during production.

P501: Processing packages in accordance with local statutory regulations.

●Invasion pathway:

Inhalation, ingestion and absorption.

●Environmental hazards:

No particularly adverse effects have yet been found.

●Explosion hazard:

Non-flammable and non-explosive.



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### 3. Component:

A mixture consisting of the following components and harmless additives

Chemical Name	CAS No.	Composition
polyacrylate	57828-93-0	≥90%
Fumed Silica	7631-86-9	<10%

### 4. First aid measures

Skin contact: Remove contaminated clothing and rinse with running water.

Eye contact: Lift eyelid and rinse with running water or saline. Seek medical attention.

Inhalation: Remove from site to fresh air.

Ingestion: Drink enough warm water to induce vomiting. Seek medical attention.

### 5. Fire protection

Dangerous characteristics: In the presence of ammonium nitrate, potassium chlorate and their salts can have a strong reaction, causing explosion. Due to high thermal decomposition, cyanide and nitrogen oxide gas is produced.

Combustion (decomposition) products: nitrogen oxide, hydrogen cyanide.

Fire extinguishing method: Fire fighters must wear filter type gas mask (full cover) or isolation type breathing apparatus, wear whole body fire protective suit, and fight fire upwind

Extinguishing agent: mist water, foam, dry powder, carbon dioxide, sand.

### 6. Accidental release measures

Isolate the contaminated area of leakage and restrict access. Cut off the fire. It is recommended that emergency personnel wear dustproof masks (full covers) and protective suits. Rinse with plenty of water, dilute the water and put it in the waste water system. In case of large leakage, collect and recycle or transport to waste disposal site for disposal.

### 7. Operation and storage methods

Handling: Handle with care to avoid unnecessary contact and dust. Keep the operating environment well ventilated.

Storage: Keep away from food and drinks, keep dry, ventilated and sealed, and store at 2-40°C, but about 20°C is appropriate.



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## **8. Exposure Control and Personal Protection**

Maximum allowable concentration: MAC(mg/m<sup>3</sup>) in China: No standard has been established

Engineering control: closed operation, local exhaust.

Respiratory protection: When the concentration of dust in the air exceeds the standard, a self-priming filter type dust mask must be worn. Air breathing apparatus should be worn during emergency rescue or evacuation.

Eye protection: Wear chemical safety glasses.

Body protection: Wear protective work clothes.

Hand protection: Wear rubber gloves.

## **9. Physical and chemical characteristics**

Relative molecular weight or atomic weight: 5800

Flash point (° C) : 208 ~ 212

Toxic LD50(mg/kg)

Mouse through the mouth 12000. Acute toxicity: LD50: >4000 mg/kg(mouse transoral); >3000 mg/kg(rabbit transoral)

Character:

White running powder, non-flammable.

## **10. Safety and reactivity**

Stability: Stable under normal transport, storage and service conditions.

Conditions to avoid: Prevent dust, static electricity.

Incompatible substances: strong oxidants, acids and bases.

Hazardous decomposition products: incomplete combustion will release carbon oxides, nitrogen compounds such as NO, NO<sub>2</sub> and sulfur compounds; These compounds can be toxic.

Dangerous polymerization: does not occur.

## **11. Toxicity**

Acute toxicity (oral) : LD50 > 2000mg/kg [rats]

Eye irritation test: irritation [rabbit].

Skin Irritation test: Mild [Rabbit]

Respiratory or skin allergy test: Mild [Rabbit]



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## **12. Ecology Information**

Ecological impact: No data available

Other information: Avoid soil contamination, prevent products from flowing into the sewer, and do not pollute surface water sources.

## **13. Waste disposal**

Disposal in accordance with local or government approved laws, such as landfill, incineration; Incineration with an incinerator is recommended.

## **14. Transportation information**

UN number: None

United Nations Transport name: None

United Nations Hazard Classification: Non-hazardous goods

Package group: No restriction

Marine pollutants: No

## **15. Regulatory**

EPA/TSCA: Listed

EINECS: listed

IECSC: has been listed

## **16. Other information:**

First publish date: Dec 11 th ,2018

Made by: QC Department

Latest version date: Jan 17th, 2023

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 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.