

# SAFETY DATA SHEET (SDS)



## **YEBOND® 8001 Two-Component Polyurethane Adhesive/Hardener**

V0320180403

### **SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name</b>	YEBOND® 8001 Two-Component Polyurethane Adhesive/Hardener
<b>Company</b>	Shanghai Hansi Industrial Co., Ltd.
<b>Address</b>	5th Floor, Building B, No. 3089 Hechuan Road, Shanghai, P.R.China
<b>Zip Code</b>	201103
<b>Email</b>	service@hansi.biz
<b>Fax</b>	021-64069396
<b>Emergency Phone</b>	021-54580909
<b>MSDS Number</b>	HS-2018-8001-003

### **SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Product Name</b>	YEBOND® 8001 Two-Component Polyurethane Adhesive/Hardener		
<b>Ingredient</b>	<b>Concentration</b>	<b>CAS No.</b>	<b>EC No.</b>
Polymethylene polyphenyl polyisocyanate	100%	9016-87-9	615-005-01-6

### **SECTION 3 HAZARDS IDENTIFICATION**

<b>Hazard Classification</b>	Classification according to GHS: Skin corrosion/irritation (Category 3)  The hazards not mentioned are not applicable or no data available.
<b>Emergency Overview</b>	Cause mild skin irritation.

### **SECTION 4 FIRST-AID MEASURES**

<b>Skin Exposure</b>	In case of contact, immediately wash skin with soap and copious amounts of water.
<b>Eye Exposure</b>	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
<b>Inhalation</b>	If inhaled, remove to fresh air. If necessary, get medical attention.
<b>Ingestion</b>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.

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

<b>Hazard Characteristics</b>	The product does not belong to combustible hazards.
<b>Extinguishing Media</b>	Suitable: Water spray, Dry chemicals, Carbon dioxide or appropriate foam.
<b>Firefighting</b>	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  Specific hazards: Emit toxic fumes under conditions.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Exercise appropriate precautions to minimized direct contact with skin or eyes.
<b>Cleaning Up Methods</b>	Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

## SECTION 7 HANDLING AND STORAGE

<b>Handling Precautions</b>	Wear appropriate clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents and foods. No smoking at working site.
<b>Storage</b>	Storage temperature: +10~30°C  Storage: Store in cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: Strong oxidizing agents and foods.  Shelf Life: If stored in originally closed containers, we guarantee a Shelf life of 12 months after dispatch.

## SECTION 8 EXPOSURE CONTROLS/PPE

<b>Maximum Concentration</b>	No information available.
<b>Monitoring Method</b>	No information available.
<b>Engineering Controls</b>	Mechanical exhaust required. Safety shower and eye bath required.
<b>Respiratory</b>	Wear respirators which administration department approved.
<b>Eye</b>	Chemical safety goggles.
<b>Clothing</b>	Wear appropriate protective clothing.
<b>Hand</b>	Wear protective gloves.
<b>Other Protect</b>	No smoking, eating and drinking in work site. Wash thoroughly after handling.

## SECTION 9 PHYSICAL / CHEMICAL PROPERTIES

<b>Appearance</b>	Brown viscous liquid.
<b>Odor</b>	Weak odor
<b>Flashing Point (°C)</b>	>100°C (closed up)
<b>Solubility</b>	Hardly soluble in water

## SECTION 10 STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal temperatures and pressures.
<b>Conditions to Avoid</b>	May decompose on exposure to moist air or water.
<b>Materials to avoid</b>	Strong oxidizing agents and food chemicals.
<b>Hazardous polymerization</b>	Will not occur.
<b>Hazardous decomposition products</b>	CO, CO <sub>2</sub> , Nitrogen oxides, Hydrogen cyanide.

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Oral	Rat	LD <sub>50</sub> 49g/kg
	Inhalation	Rat	LC <sub>50</sub> 490mg/m <sup>3</sup> /4H
	Skin	Rabbit	LD <sub>50</sub> >9400mg/kg
<b>Irritation</b>	Irritation to eyes and skin.		
<b>Sensitization</b>	Not available.		

## SECTION 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available.
<b>Biological Degradability</b>	Not available.
<b>Abiotic Degradation</b>	Not available.

## SECTION 13 DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environment regulation.
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## SECTION 14 TRANSPORT INFORMATION

<b>DOT</b>	Non-hazardous for transport: This substance is considered to be non-hazardous for transport.
<b>IATA</b>	Non-hazardous for air transport.
<b>IMO</b>	Non-hazardous for sea transport.
<b>UN Number</b>	None
<b>ADR/RID Class</b>	None Non-Hazardous for Transport.

## SECTION 15 REGULATORY INFORMATION

### Regulation (EC) No.1272/2008 and its amendments:

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.

## SECTION 16 OTHER INFORMATION

**Revision**

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**Other Information**

The SDS is prepared according to ISO11014-1:1994. The information above is believed to be accurate and represents the best information currently available to us. We assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however, arising from using the above information.