

# SHAOXING LIBANG GLUE CO., LTD

## MATERIAL SAFETY DATA SHEET

### ADHESIVE

#### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ADHESIVE  
**Company:** SHAOXING LIBANG GLUE CO., LTD  
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**Emergency Phone:** 86-575-8152888  
**MSDS Number:** 06-252  
**MSDS Date:** Nov. 15, 2006

#### SECTION2 INFORMATION ON INGREDIENTS

**Product name:** ADHESIVE

Ingredient	Concentration	CAS No.
Nitrocellulose	20%	9004-70-0
Acetone	25%	67-64-1
Ethyl acetate	10%	141-78-6
Butyl acetate	10%	123-86-4
Alkyd Resin	35%	/

#### SECTION 3 HAZARDS IDENTIFICATION

**Hazards Identification:** Flammable liquid.

**Emergency Overview:** Irritant. Irritating to eyes, respiratory system and skin.

#### SECTION4 FIRST-AID MEASURES

**Skin Exposure:** In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

**Eye Exposure:** 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.

**Inhalation Exposure:** If inhaled, remove to fresh air. If necessary, give oxygen. Call a physician.

**Oral Exposure:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

#### SECTION5 FIRE FIGHTING MEASURES

**Extinguishing Media:** Suitable: Dry chemical, Sandy soil, Carbon dioxide or appropriate foam.

**Firefighting:** Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific hazards: Emit toxic fumes under fire conditions. May form explosive peroxides.

## SECTION6 ACCIDENTAL RELEASE MEASURES

### Procedure to be Followed in Case of Leak or Spill

Evacuate area. Shut off all sources of ignition. Use non-sparking tools.

### Procedures of Personal Precautions:

Wear appropriate protective clothing to minimize direct contact with skin or eyes and prevent inhalation.

### Methods for cleaning up:

Mix with inert material (eg. dry sand, vermiculite) and transfer to sealed container for disposal.

## SECTION7 HANDLING AND STORAGE

### Handling

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not contact with eyes, skin, and clothing. Do not breathing vapor or mist. Keep container tightly closed. Keep away from heat, sparks and flame. Use non-sparking tools. Incompatible: strong oxidizing agents and combustible material.

### Storage:

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area. Incompatible: strong oxidizing agents and combustible material.

## SECTION8 EXPOSURE CONTROL/PPE

**Engineering Controls:** Mechanical exhaust required. Safety shower and eye bath. Use non-sparking tools.

### Personal Protective Equipment:

**Respiratory:** Filtering gas mask.

**Eye:** Wear chemical safety goggles.

**Clothing:** Wear anti-electrostatic clothing.

**Hand:** Wear chemical resistant gloves.

**Other Protect:** No smoking, drinking and eating at working site. Wash thoroughly after handling.

## SECTION9 PHYSICAL/CHEMICAL PROPERTIES

**Appearance:** Brown viscous liquid

**Odor:** Penetrating odor

**Flash Point:** <0°C (closed cup)

**Boiling Point:** >35°C

**Solubility:** Hardly soluble in water

## SECTION10 STABILITY AND REACTIVITY

**Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Ignition sources, excess heat.

**Incompatibilities Materials:** Strong oxidizing agents, combustible material.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide.

## SECTION11 TOXICOLOGICAL INFORMATION

**Toxicity Data:** No data available.

**Irritation Data:** Irritating to eyes, respiratory system and skin.



**SECTION12 ECOLOGICAL INFORMATION**

No data available.

**SECTION13 DISPOSAL CONSIDERATIONS****Appropriate Method of Disposal of substance:**

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 and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

**SECTION14 TRANSPORT INFORMATION****IATA**

Shipping Name: Nitrocellulose Solution, Flammable

Hazard Class: 3

UN Number: 2059

Packing Group: II

**IMO**

Shipping Name: Nitrocellulose Solution, Flammable

Hazard Class: 3

UN Number: 2059

Packing Group: II

**ADR/RID Class:** Nitrocellulose Solution, Flammable

UN Number: 2059

**SECTION15 REGULATORY INFORMATION****EU Additional Classification:**

Symbol of Danger: F

Indication of Danger: Highly Flammable.

R: 11 36/37/38 66 67

Risk Statements: Highly flammable. Irritating to eyes, respiratory system and skin. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

S: 9 16 36/37/39

Safety Statements: Keep container in a well-ventilated place. Keep away from sources of ignition - no smoking. Wear suitable protective clothing, gloves and eye/face protection.

**SECTION16 OTHER INFORMATION**

**Date:** Nov. 15, 2006

**Department:** Shanghai Research Institute of Chemical Industry Testing Centre

Tel(Fax): 8621-52815377/52800971/52807275/52811034

**Revision:** 0

**Other Information**

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