

SAFETY DATA SHEET



GHS-SDS A-E-001

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1/4

CHEMICAL NAME: VINYL ADHESIVE (for rigid vinyl products)
TRADE NAME : ASAA
Manufacturer/supplier: Company Name : NAN YA PLASTICS CORPORATION Address : No.6 KONG YE H 1st ROAD . 832 LIN YUAN SHIANG , KAOHSIUNG COUNTY TAIWAN R.O.C. Emergency Telephone / Fax No.:(886)-(07)6419911-650 / (886)-(07)6432546

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION		
Health Acute Toxicity: Category 4 Skin Irritation: Category 4 Skin Sensitization: NO Eye: Category 2A	Environmental Acute Toxicity: None Known Chronic Toxicity: None Known	Physical Flammable Liquid Category 2
Label Elements:	Signal Word:	
 	Danger	
Hazard Statements High flammable liquid and vapor. Harmful if swallowed. Harmful in contact with skin. Causes eye irritation. Causes skin irritation. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters Airways.	Precautionary Statements Keep away from heat/sparks/open flames/hot surfaces-No Smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face Protection. Store in a well ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local regulation. Keep out of reach of children.	

3. COMPOSITION/INFORMATION ON INGREDIENTS

MIX SUBSTANCE		
Component (s)	CAS-No	Concentration % by Weight
ETHYL ACETATE	141-78-6	38.0%~50.0%
CYCLOHEXANONE	108-94-1	40.0%~57.0%
POLYVINYL CHLORIDE RESIN		7.0%~25.0%

4. FIRST AID MEASURES

2/4

Inhalation: remove person to fresh air. if breathing is difficult , provide oxygen and seek medical attention

Skin Contact: Take off the clothing and wash with water and soap, and flush with warm water for 15 minutes, Call physician.

Eye contact: Flush eyes with a large amount of water for 20~30 minutes, Call physician.

Ingestion: Get immediate medical attention.

Suck or taking will cause toxicity.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA/ FIRE FIGHTING PROCEDURES

Use the following extinguishing media when fighting fires involving this material : **water fog , foam, dry chemical, or carbon dioxide.**

Special risk: : Explosive when organic vapor heated.

Special extinction procedures:

- 1.Fire involving should be fought upwind and wear a suitable set of protective clothing.
2. Water spray may be used to cool fire exposed containers, but the spray may not extinguish fire.

Firefighters should wear a self-contained breathing apparatus and breathe the vapor.

6. ACCIDENTAL RELEASE MEASURES

RELEASE RESPONSE

Remove unnecessary personnel from the area. Avoid inhalation of the vapors and contact With the skin. Avoid leakage to the drainage system. Contain with an absorbent material and transfer to a suitable container for disposal.

PERSONAL PROTECTIVE EQUIPMENT

Wear chemical splash goggles, impervious body covering and rubber gloves. Wear an air-purifying respirator equipped with cartridges for protection against organic vapors.

CONTAINMENT AND CLEANING:

- 1.Promptly remove ignition sources,both actual and potential..
- 2.Small spills may be absorbed with dry earth or sand, or wiped off with rag ,and placed in a chemical waste containers.
- 3.In case of large spills, dike with earth or sand to guide the flow to a safe area for collection and recovery
4. To burned in the incinerator.
5. To bury the solid wastes in the qualified waste yard.
6. To freight with the qualified transportation.

7. HANDING AND STORAGE

Handing :1.When using do not wear contact lens. Always wear protect equipments.

2.After handling wash hands thoroughlyand change the contaminated clothing.

3.Pay attention to the management of empty containers as well.

4.Prevent generation of staic electricity. Clothing and work shoes must be electroconductive.

5.Ground and bond containers when transferring material.

6.Wear rubber gloves, protective mask

Storage: 1.Store in a ventilated area.
 2.The product content low flash point evaporated solvent ,when it is applied,fire is prohibited.
 3.Electrical equipment must be of explosion–proof construction and ground.
 4.Keep away from ignition sources,high temperatures as boiler, and oxidizing materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Not established

ENGINEERING CONTROL MEASURES

Use local exhaust ventilation if material is heated or missing.

PERSONAL PROTECTION EQUIPMENT:

Respiratory Protection:

Hand Protection:

Eye Protection: Use safety chemical goggles

Skin & Body Protection: Use Anti–splash Clothing

Industrial Hygiene:

1. To install emergency eye wash fountains and shower at the potential exposed zone.
2. Thoroughly wash the polluted clothing before next use.
3. A worker who handles P.S.A. should thoroughly wash hands with soap and water before eating, using tobacco products, using toilet facilities.
4. Always take shower with clean water and soap after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid	Color: transparent	Odor : ketone
P.H. Value:	Boiling Range: 77 °C based on Ethyll acetate	Decomposition Temperature:
Specific Gravity: 0.95	Melting point:	Solubility in water: uncompletely soluble
Flash Point: –4.4°C based on Ethyll acetate	Vapor Pressure: 75 mmHg ethyl acetate	Explosion Limits: LEL:1.1% based on Cyclohexanone UEL:11.5% based on Ethyll acetate

10.STABILITY AND REACTIVITY

Chemical Stability: Stable

Possible hazardous reaction under extreme conditions: Will not occur

Conditions to avoid : heat

Decomposition: Smog, CO, CO₂.

Incompatibility with other materials:

11. TOXICOLOGICAL INFORMATION

Not determined.

12. ECOLOGICAL INFORMATION

BIODEGRADATION: Not established

ACCUMULATIVENESS: N/A

13. WASTE DISPOSAL CONSIDERATION

4/4

Comply with all national or local recommendations and regulations.

14. TRANSPORT INFORMATION

International Transport Regulation: N/A	UN No. : 1133
Local Transport Regulation: N/A	Hazard class: Flammable Liquid 3
Special Transportation & Consideration: Avoid transported with incompatible goods.	

15. REGULATORY INFORMATION

Comply with each country's regulation .

16. Other Information

Reference:
Manufacturer: Nan Ya Plastics Corporation,., No.6, Kong Yeh 1st Rd., 832 Lin Yuan Shiang Kaohsiung County ,Taiwan (R.O.C.) Tel: (886)-(07)6419911 EXT 650 Fax: (886)-(07) 6432546
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