



Material Safety Data Sheet

NAN YA Ident No.:SN901X75

Revision : 2012-05-01

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name:

NPSN-901X75

Company identification:

NAN YA Plastics Corporation

201, Tung Hwa North Road, Taipei, Taiwan, R.O.C.

Telephone: 886-2-27178257~8

Telefax: 886-2-27182258

Emergency telephone: 886-2-26806311 EXT724

2. COMPOSITION / INFORMATION OF INGREDIENTS

Ingredients	CAS-No.	Hazard symbols	R-phrases	Concentration
Bisphenol-A type solid epoxy resin	25036-25-3	—	—	74~76%
Xylene	01330-20-7	Xn	R10-R20/21-R36 /38	24~26%

3. HAZARDS IDENTIFICATION OF THE PRODUCT

Flammable, harmful by inhalation and in contact with skin, irritating to eyes and skin.

4. FIRST AID MEASURES

After skin contact:

Rinse with plenty of water and soap. Remove contaminated clothes.

After eye contact:

Rinse immediately with plenty of water for at least 15 minutes, and seek medical advice.

After inhalation:

Move to fresh air. Seek medical advice if symptoms persist.

After ingestion:

Do not vomiting; instantly seek medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Foam, dry powder, carbon dioxide, water spray jet.

Unsuitable extinguishing media:



High pressure water jet.

Special protective equipment for firefighters:

Wear self-contained breathing apparatus.

Wear protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Keep away ignition sources.

Wear suitable protective equipment.

Environmental precautions

Do not allow to enter drainage system, surface or ground water.

Method for cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste.

7. HANDLING AND STORAGE

Handling:

Ensure good ventilation/suction at the workplace.

Avoid open flames and sources of ignition.

Storage:

Keep away from food and drink.

Keep container tightly sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:

Ensure for good ventilation/suction.

Control parameters:

TWA: 100ppm

STEL: 125ppm

Personal protection equipment

Respiratory protection: suitable breathing mask when there is inadequate ventilation.

Hand protection: suitable protective gloves.

Eye protection: protective goggles.

Skin and body protection: suitable protective clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES



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Physical state : liquid
Color : yellowish
Boiling point : 138~144°C for xylene
Flash point : 27~32°C (open cup) (based on xylene)
Upper explosion limit : 7.0%
Lower explosion limit : 1.0%
Density : (20°C) 1.09g/cm³
Solubility : (20°C) moderate soluble in water.
Viscosity : (25°C) 8000~15000cps

10. STABILITY AND REACTIVITY

Conditions to avoid:

Avoid static electricity discharge and heating.

Material to avoid:

Strong acid, strong base, strong oxidizer and amines.

Hazardous decomposition products

In fire toxic fumes may be generated.

11. TOXICOLOGICAL INFORMATION

Ingestion:

Acute oral toxicity: LD₅₀ 5250 mg/kg body weight for xylene.

Inhalation:

Harmful by inhalation.

Skin contact:

Irritating to skin.

Eye contact:

Irritating to eyes.

12. ECOLOGICAL INFORMATION

Biological degradability:

Not readily biodegradable.

Bioaccumulation:

No information available.

Ecotoxicity:

Toxic to aquatic organisms.

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13. DISPOSAL CONSIDERATIONS

Dispose of according to regulations.

14. TRANSPORT INFORMATION

Transport over land ADR/RID

Class: 3 Number/Letter: 31-C

Hazard No.: 30

UN No.: 1866

Proper shipping name: resin solution, contains xylene.

Transport over sea IMDG

Class: 3.3 UN-No.: 1866 PG: II

Transport by air ICAO/IATA

Class: 3 UN/ID-No.: 1866 PG: II

15. REGULATORY INFORMATION

Hazard labels : Xn Harmful

R-phrases : R10 Flammable

R20/21 Harmful by inhalation and in contact with skin.

R36/38 Irritating to eyes and skin.

S-phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water and soap.

S37/39 Wear suitable gloves and eye/face protection.

S38 Wear suitable protective mask when there is inadequate ventilation.

16. OTHER INFORMATION

This information is based on our current level of knowledge and relates to the products in the states in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.