



NAN YA

Ident No. EL127E

Revision: 2022.11.26

Material Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name:

Epoxy Resin NPEL-127E

Company identification:

NAN YA Electronic Marterials(Kunshan) Co.,Ltd

201 Changjiang Road, Kunshan City, Jiangsu Province,China

Telephone: 0512-57357080 EXT:3428~3429

Telefax: 0512-57369017

Emergency telephone: (025)-85477110

2. HAZARDS IDENTIFICATION OF THE PRODUCT

GHS Classification

Skin corrosion/irritation:

Category 3

Serious eye damage/eye irritation:

Category 2B

Skin sensitizer:

Category 1

Hazard Symbol: ***Exclamation mark***

Signal Word: **WARNING !**



Hazard Statements:

H316 : May cause mild skin irritating.

H320 : May cause eye irritating.

H317 : May cause allergic skin reaction.

Precautionary Statements:

P280 : Wear protective gloves/clothing and eye/face protection.

P332+337+350+313 : If skin/eyes irritation occurs, wash with plenty of soap and water and get medical advice/attention.

P410+403 : Store container tightly closed in well-ventilated place.

P273 : Avoid release to the environment.

3. COMPOSITION / INFORMATION OF INGREDIENTS

Ingredients : Bisphenol-A epoxy resin

CAS-No. : 1675-54-3(or 25085-99-8)

Concentration : 100%



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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 vomit; 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.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:

Ensure for good ventilation/suction.

Control parameters:

None

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

- | | |
|-------------------------------|--|
| a) Appearance | : Liquid |
| b) Color | : Yellowish |
| c) Odor | : Mild |
| d) pH | : No data available |
| e) Melting point | : No data available |
| f) Boiling point | : Not applicable |
| g) Flash point | : >250°C |
| h) Evaporation rate | : Not applicable |
| i) Flammability (solid, gas) | : Not applicable |
| j) Explosive limits | : Not applicable |
| k) Vapour pressure | : Not applicable |
| l) Vapour density | : Not applicable |
| m) Relative density | : (20°C) 1.16g/cm ³ |
| n) Solubility(ies) | : (20°C) practically insoluble in water. |
| o) Partition coefficient | : Not applicable |
| p) Auto-ignition temperature | : Not applicable |
| q) Decomposition temperature | : Not applicable |



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10. STABILITY AND REACTIVITY

Conditions to avoid:

Avoid static electricity discharge.

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 >10000 mg/kg body weight.

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. (LC₅₀ 3.1 mg/L/96H)

13. DISPOSAL CONSIDERATIONS

Dispose of according to regulations.

14. TRANSPORT INFORMATION

Transport over sea IMDG:

Class: Not regulated

Transport by air ICAO/IATA

Class: Not regulated

Transport over land ADR/RID

Class: Not regulated



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15. REGULATORY INFORMATIONS

The composition of this product has been listed in the List of Existing Chemical substances in China.

The following regulations, regulations and standards provide corresponding provisions on the safe use, storage, transportation, handling, classification and marking of chemicals.

《Regulations on The Safe Use of Chemicals in the Workplace》

《Occupational Exposure Limits for Hazardous Factors in the Workplace - Chemical Factors》

《Environmental Management Measures for New Chemical Substances》

《Law of the People's Republic of China on the Prevention and Control of Environmental》

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.