

Safety Data Sheet

1. IDENTIFICATION

Product Name:	WINCURE 3255
Other Names:	-
Recommended Use:	Epoxy hardener, epoxy coatings, epoxy adhesives
Supplier:	Global Chemie ASCC Limited
Street Address:	88/123 Moo 2 Bangpoo Industrial Estate (North), Phraek Sa Mai, Mueang Samutprakan, Samutprakan 10280
Telephone:	+66 2324 6888
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Emergency phone:	+66 2324 6888 ext.320

2. HAZARDS IDENTIFICATION

Hazardous Nature

This product is classified as hazardous under GHS criteria.

Hazardous Classification

Skin irritant Category 2

Skin Sensitization Category 1

Eye irritant Category 2

Hazardous Statement

No data available.

GHS Pictograms

No data available.

Hazard Statements

No data available.

Precautionary Statements

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

Response Statements

If ingestion

P330: Rinse mouth.

If on skin

P363: Wash contaminated clothing before reuse.

If inhaled

No data available.

If in eye

P338: Remove contact lenses, if present and easy to do. Continue rinsing.

P351: Rinse cautiously with water for several minutes.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. Continue rinsing.

Storage Statements

P405: store locked up.

Disposal Statements

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Signal Word: No signal word.

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS No.	UN No.	Proportion (%w/w)
Isophoronediamine (IPDA)	2855-13-2	-	>30-50
Epoxy resin WINEPOXY 128	1675-54-3	-	<1-10
Benzyl Alcohol	100-51-6	-	<10-40

Molecular Formular: No data available.

Molecular weight: No data available.

4. FIRST AID MEASURES

For advice, contact Ramathibodi Poison Center (Phone: 1367) or a doctor.

Ingestion

About whether I should induce vomiting, take the advice of a doctor. Rinse your mouth with water immediately.

Eye Contact

- Do not rub your eyes.
- Immediately flush eyes with plenty of water for at least 15minutes and call a doctor/physician.
- Get Medical Attention Immediately.
- Remove Contact Lenses If Worn.

Skin Contact

- Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Laundering enough contaminated clothing before reuse. Get medical attention immediately.
- Prevent the spread of the skin.
- Wash thoroughly after handling.

Inhalation

No data available.

5. FIRE FIGHTING MEASURES**Specific Hazards**

May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions.

Suitable Extinguishing Media

Alcohol-Resistant Foam. Carbon Dioxide (CO₂) Dry Chemical. Dry Sand. Limestone Powder.

Special Protective Equipment for Fire-Fighters

Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self-contained

breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES.

Personal Precautions, Protective Equipment and Emergency Procedures

Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

Environmental Precautions

Prevent runoff and contact with waterways, drains or sewers

Methods and Material for Containment and Cleaning Up

Approach suspected leak areas with caution. Contact an emergency response center for advice. Place inappropriate chemical waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

- Since emptied containers retain product residue (vapor, liquid, solid)
- Follow all Safety data sheet and label warnings even after container is emptied.
- Avoid contact with incompatible materials.
- Get the manual before use.
- Do not handle it until all safety precautions have been read and understood.
- Do not inhale the steam prolonged or repeated.

Conditions for safe storage

- Do not apply any physical shock to the container.
- Avoid direct sunlight.
- Keep it in the original container.
- Please pay attention to incompatibilities materials and conditions to avoid.
- Keep sealed when not in use.
- Collected them in sealed containers
- Do not eat, drink or smoke when using this product.
- Store away from water and sewer.

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

Engineering Measures

- Provide readily accessible eye washing stations and safety showers.
- Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

Respiratory protection: wear appropriate respirator when ventilation is inadequate.

Hand protection: Neoprene gloves, Butyl-rubber, Nitrile rubber, Impervious gloves, PVC disposable gloves

The breakthrough time of the selected glove(s) must be greater than the Intended use period.

Eye protection: Full face shield with goggles underneath. Chemical resistant goggles must be worn.

Skin and body protection: Impervious clothing. Full rubber suit (rain gear), Rubber or plastic boots, long sleeve shirts and trousers without cuffs, Slicker suit.

Environmental exposure controls: construct a dike to prevent spreading.

Special instructions for protection and hygiene: discard contaminated leather articles. Provide readily accessible eye wash stations and safety showers. Wash at the end of each work shift and before eating, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of Measurement	Typical Value
Appearance	-	Liquid
Odour	-	No data available
pH	-	No data available
Boiling point	°C	>205.7
Melting point	°C	No data available
Flash point	°C	>70
Flammability	-	No data available
Autoignition Temperature	°C	Isophoronediamine (IPDA): No data available Epoxy resin WINEPOXY 128: No data available Benzyl Alcohol: 436
Decomposition Temperature	°C	No data available
Lower/Upper Flammability Limits	%V	No data available
Density @ 20°C	Kg/L	No data available
Specific Gravity @ 20°C	-	1.01
Viscosity @ 25°C	cps	50-150
Vapor pressure @ 20°C	kPa	No data available
Vapor density	kPa (Air = 1)	No data available
Evaporation Rate	(n-Butyl acetate = 1)	No data available
Water Solubility	-	No data available
Solubility in other solvents Partition coefficient	(n-octanol/water)	Soluble in organic solvents
Coefficient of Thermal Expansion	per Deg C	No data available
Particle characteristic	-	No data available

The values listed are indicative of this product’s physical and chemical properties. For a full product specification, please consult the Product Data Sheet.

10. STABILITY AND REACTIVITY

Chemical stability

This material is stable under recommended storage and handling conditions.

Reactivity

No data available.

Possibility of hazardous reactions.

- Reactive metals (e.g. sodium, calcium, zinc etc.)
- Materials reactive with hydroxyl compounds.
- Sodium hypochlorite.

- Organic acids (i.e. acetic acid, citric acid etc.).
- Mineral acids.
- Product slowly corrodes copper, aluminum, zinc and galvanized surfaces.
- Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.
- Oxidizing agent.

Conditions to avoid

No data available.

Incompatible materials

No data available.

Hazardous decomposition products

Nitric Acid, Ammonia, Nitrogen Oxides (NO_x), Nitrogen Oxide Can React With Water Vapors To Form Corrosive Nitric Acid, Carbon Monoxide, Carbon Dioxide (CO₂), Aldehydes, Flammable Hydrocarbon Fragments (E.G., Acetylene).

Polymerization

No data available.

11. TOXICOLOGICAL INFORMATION**Acute Toxicity**

Main Bases	Cas No	LD50(Oral)	LD50(Dermal)	LD50(Inhalation)
IPDA	2855-13-2	No data available	No data available	No data available
Epoxy Resin WB-128	1675-54-3	11400mg/Kg (Rat)	No data available	No data available
Benzyl Alcohol	100-51-6	1230mg/Kg (Rat)	2000mg/Kg (Rabbit)	No data available

Eye Irritation/Corrosion: Severe Eye Irritation.

Acute Dermal Irritation/Corrosion: Severe Skin Irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects: No data available.

Persistence and Degradability: No data available.

Potential: No data available.

Other Adverse Effects: No data available.

13. DISPOSAL CONSIDERATIONS**Disposal Methods****Waste Treatment Methods**

Since more than two kinds of designed waste are mixed, it is difficult to treat separately, then can be reduction or stabilization by incineration or similar process. If water separation is possible, pre-process with water separation process. Dispose by incineration.

Disposal Matters

- The user of this product must disposal by oneself or entrust to waste disposer or person who other's waste recycle and dispose, person who establishes and operate waste disposal facilities, dispose of waste in accordance with all applicable laws and regulations.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN. Number	Not Regulated	UN. Number	Not Regulated	UN. Number	Not Regulated
Class/Item	Not Regulated	Class/Item	Not Regulated	Class/Item	Not Regulated
Hazard Symbol	Not Regulated	Hazard Symbol	Not Regulated	Hazard Symbol	Not Regulated
Proper Shipping Name	Not Regulated	Proper Shipping Name	Not Regulated	Proper Shipping Name	Not Regulated
Packing Group	Not Regulated	Packing Group	Not Regulated	Packing Group	Not Regulated
		Marine Pollutant	Not Regulated		

15. REGULATORY INFORMATION

China Chemical Management List

Components	A	B	C	D	E	F	G	H
IPDA	list	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
Epoxy Resins WB-128	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
Benzyl Alcohol	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

16. OTHER INFORMATION

- National Fire Protection Association (USA)

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No data available.
- SDS Distribution

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The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty of guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.
- Prepared By

:

Quality Control Department / Global Chemie ASCC Limited

Abbreviations:

No data available.

References:

- Supplier Material Safety Data Sheets

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer’s knowledge. The document represents the commitment to the company’s responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. No warranty and guarantee are expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product for further information, please contact Global Chemie ASCC Limited.