Manufacturers of Industrial & Decorative Coatings

United Paints Limited
P.O. Box 21 064
29 Empire Road
Bridgend
Christchurch
Telephone : (03) 323 8743
Facsimile : (03) 323 7261

SAFETY DATA SHEET
UNIEPOXY PRIMER PART B

1.0 Chemical Product and Company Identification

Trade Name: **UNIEPOXY PRIMER HARDNER PART B**

Chemical Name: EPOXY POLYAMIDE HARDNER (PART B)

Manufacturers Name: United Paints
Address: 29 Empire Rd, Belfast, Christchurch
Telephone: (03) 323 8743
Facsimile: (03) 323 7261

Date of Issue: 17th May 2023

Emergency Contact Numbers

National Poison & Hazardous Chemicals Information Centre	0800 POISON
United Paints Limited – Director (Mr M.Davies)	(03) 359 3528 Home
	021 617 979 Mobile

2.0 Hazards Identification

HSNO APPROVAL CODE : **HSR002662**

HSNO CLASSIFICATIONS : 3.1B , 6.1E , 6.9 , 6.9B , 8.1A , 8.2C , 8.3 A

GHS CLASSIFICATIONS :
Acute Aquatic Hazard Category 2
Aspiration Hazard Category 1
Serious Eye Damage Category 1
Flammable Liquid Category 2
Skin Corrosion/Irritation Category 1C
Metal Corrosion Category 1

3.0 Composition / Information on Ingredients

Ingredient	CAS No.	% By Weight
Polyamidoamine	68410-23-1	20 - 50
Xylene	1330-20-7	10 - 30
N Butanol	71-36-3	10 - 30
Benzyl Alcohol	100-51-6	10 - 30

4.0 First Aid Measures

4.1 Inhalation Bring patient to fresh open air away from contaminated area. If not breathing or breathing difficult give oxygen. Apply CPR in cases of respiratory failure and seek medical assistance .

4.2 Skin Contact Flush skin and hair with running water and soap if available . Remove contaminated clothing including footwear . Before reuse launder or replace .

4.3 Eye Contact Flush with water lifting lids occasionally. Check for and remove any contact lenses . Seek medical attention .

4.4 Ingestion Wash out mouth with water . Remove dentures if present . Do not induce vomiting. Keep patient warm and quiet. Seek medical attention immediately .

4.5 First Aid Facilities Eyewash and normal washroom facilities and consumerables .

4.6 Notes to Doctor Treat symptomatically . Aspiration is the main danger . Enforce bed rest and observe carefully . Prophylactic antibiotics useful . Observe for chemical pneumonitis . Gasto-intestinal absorption is significant with hydrocarbon solvents .For large ingestions cuffed endotracheal tube is recommended .

5.0 Fire Fighting Measures

5.1 Flashpoint 27^0C

5.2 Flammability Limit 1.0 (Lower)

5.3 Extinguishing Media

Foam , carbon dioxide , dry chemical .
DO NOT USE WATER JET

5.4 Hazardous Composition Products

May form toxic materials such as Carbon Monoxide and Carbon Dioxide.

5.5 Special Firefighting Procedures

Call Fire Service and tell them of location and nature of hazard .
Water or Foam may cause frothing that can be violent, especially if sprayed into containers of hot burning liquid. Self contained breathing apparatus with full face piece should be used.
Closed containers can be kept cool by water spray .
Make sure of adequate supplies of extinguishing material available .

5.6 Unusual fire and Explosion Hazards

Vapours are heavier than air and may travel along ground and move by ventilation and ignite at a point far from the source. Sumps and drains should be checked for signs of accumulation .

5.7 Firefighting Personal Protective Equipment

Full protective clothing and self contained breathing apparatus .
Water rinse shower available .

6.0 Accidental Release Measures

6.1 Minor Spills — Eliminate all sources of Ignition. Stop leak at source. Dyke area of spillage. Absorb with sand or other absorbent inert material.

6.2 Major Spills — Clear are from all public and personnel .
Call fire service and advise on the nature of hazard .
Ensure spill is contained however if spill enters waterways directly or through drains advise local environment protection authority .

6.2 Disposal — Destroy by controlled incineration by approved waste disposal group or use an authorised disposal area.

7.0 Handling and Storage

7.1 Handling — Use in well ventilated area away from any source of ignition . Wear safety glasses , nitrile gloves , overalls , and approved cartridge respirator when spraying .

7.2 Storage — Store in a cool , authorised room away from any source of accidental ignition , or any oxidising agents . Do not store in any secondary packaging .

8.0 Exposure Controls / Personal Protection

8.1 Exposure Controls

Ingredient	Standard	Exposure Limits
Xylenes	NZ Workpace Exposure	TWA - 50 ppm TWA - 217 mg/m³
n- Butanol	NZ Workpace Exposure	Peak - 50 ppm Peak - 150 mg/m³
Benzyl Alcohol	NZ Workpace Exposure	TWA - 50 ppm

8.2 Personal Protective Equipment

- ☒ Vapour Respirator
- ☒ Splash Goggles
- ☐ Face Shield
- ☒ Gloves (Nitrile)

☒ Synthetic Apron

☒ Vapour Respirator

☒ Dust Respirator

9.0 Physical and Chemical Properties

9.1	**Appearance**	Amber colored liquid
9.2	**Odour**	Slight Ammoniacal
9.3	**Boiling Point**	110°- 140°C
9.4	**Flash Point**	27° C
9.5	**Solubility in Water**	Moderate
9.6	**Specific Gravity**	0.97
9.7	**ph Value**	10
9.8	**Vapour Pressure**	Not Available
9.9	**Vapour Density**	3.0 average
9.10	**Evaporation Rate**	0.5 (BA=1)
9.11	**Volatile Component**	80 %
9.12	**Flammability**	Flammable Liquid
9.13	**Autoignition Temp**	Not Established
9.14	**Flammability Limits**	Lower 1.1 Upper 7.1

Amberish flammable liquid with a mild solvent odour , which does not mix with water but will form a thin layer on water surface .

10.0 Stability and Reactivity

10.1	**Chemical Stability**	Stable under normal conditions Hazardous reactions with incompatible substances
10.2	**Conditions to Avoid**	Heat , Direct Sunlight , open flames or other ignition sources
10.3	**Materials to Avoid**	Strong oxidising agents , Amines ,Bases , Reducing agents , Nitrous oxide , Reactive metals , Sodium Hypochlorite , Organic and mineral acids .
10.4	**Hazardous Decomp Products**	Carbon monoxide , Carbon dioxide , Nitric acid , Ammonia , Nitrogen oxide , Aldyhydes , Organic acid vapours , Nitrosamine .
10.5	**Hazardous Reactions**	Will react with incompatible materials
10.6	**Hazardous Polymerization**	Will not occur

11.0 Toxicological Information

11.1	**Acute Toxicity**	Dermal - Moderately irritating , Skin sensitizer . Oral – LD50 : > 5000 mg/ kg body weight
11.2	**Health Effects**	
	Swallowed	May cause central nervous system effects, such as headache nausea , dizziness , confusion , breathing difficulties . Severe cases of overexposure can lead to respiratory failure .
	Eye Contact	Corneal edema may give rise to a perception of fogging around lights . Exposed individuals may see rings around bright lights . Such effects are temporary and have no known

	residual effect . Product vapour can cause glaucopsia (corneal edema) when absorbed into the tissue of the eye from the atmosphere . Causes eye irritation .
Skin Contact	If absorbed through the skin may cause central nervous system effects, such as headache nausea , dizziness , confusion , breathing difficulties .Causes skin irritation . Signs of overexposure may be headache , dizziness , tiredness , nausea and vomiting .
Chronic Effects	Prolonged contact with skin may cause dermatitis .

12.0 Ecological Information

12.1	**Ecotoxicity**	No ecological data is available for this product .
12.2	**Persistance / Degradability**	Not readily biodegradable .
12.3	**Mobility Air**	Slow loss by evaporation
	Water	Product spreads on surface of water .
12.4	**Enviro Protection**	Avoid contaminating waterways , soil , drains and sewers .

13.0 Disposal Considerations

13.1	**Liquid**	Dispose of waste through an approved facility .
13.2	**Containers**	Dispose of containers and unused contents in accordance with national and local body regulations.

14.0 Transport Regulations

Labelling Required	FLAMMABLE LIQUID Red Diamond 3

UNDG

U N Number	1263
Proper Shipping Name	Paint related material
D G Class	3
Hazchem Code	3 Y
Packing Group	III

IMDG (Maritime)

IMDG Class	3
UN Number	1263
EMS Number	F-E , S-C
IMDG Subrisk	8
Packing Group	III
Special Provisions	163
Marine Pollutant	Marine Pollutant

This material is classified as a clas 3 – Flammable Liquid according to NZS 5433 : 1999 Transport of Dangerous Goods on Land .
This material must not be loaded in the same freight container or the same vehicle with :

Class 1	Exposives
Class 2.1	Flammable Gases
Class 2.3	Toxic Gases
Class 4.2	Spontaneously Combustible Substances
Class 5.1	Oxidising substances
Class 5.2	Organic Peroxides
Class 7	Radioactive materials unless specifically exempted

Must not be loaded in the same freight container , but can be in the same vehicle if separated hotizontally by a distance of 3 metes :

Class 4.3	Dangerous when wet substances .

Goods of packing group II or III may be loaded in the freight container or the same vehicle if transported in segregation devices with :

Class 4.2	Spontaneously Combustible Substances
Class 4.3	Dangerous when wet substances
Class 5.1	Oxidising substances
Class 5.2	Organic Peroxides

15.0 Regulatory Information

Labelling	Class 3 , Flammable Liquid
Poisons Schedule	S 4
Hazard Category	Harmful

16.0 Other Information

Revision Date	17th May 2028
NZ Emergency Services	Telephone 111
NZ Poison Information	Telephone 0800 POISON (0800 764 766)

The above information concerns only the above mentioned product and is not valid with any other product(s). The information is provided to the best of our knowledge, correctly and completely, in good faith but without warranty. It remains the user's responsibility to ensure the information is appropriate for their application of the product.