

# Material Safety Data Sheet

MSDS: Excel Epoxy 50 Part B

Date of Issue: June 2004  
Supersedes Issue Date: August 1997

## Excel Epoxy 50 Part B

### Company Details

Nutech Paint Pty Ltd (A.B.N. 94 242 116 396)  
4 Keppler Circuit, Seaford, Victoria 3198, Australia  
Tel: (03) 9775 1491 Fax: (03) 9775 1680  
Emergency Telephone 000

### Product Identification

This product is classified as hazardous according to criteria of Worksafe Australia

**Product Name:** Excel Epoxy 50 Part B  
**Other Names:** Paint HFP  
**Shipping Name:** Paint, Flammable Liquid  
**U.N. Number:** 1263  
**D.G. Class:** 3.2  
**Subsidiary Risk:** Group III  
**Hazchem Code:** 3[Y]  
**Packaging Group:** III  
**Poisons Schedule:** 5  
**Chemical Description:** Pigmented/unpigmented solution of epoxy resins & hydrocarbon solvents  
**Use:** Surface coating when mixed with Excel Epoxy Part A

### Physical Description / Properties

**Appearance:** Clear amber viscous liquid  
**Odour:** Hydrocarbon solvent  
**Boiling Point (°C):** Range 116 - 199  
**pH** N/A  
**Relative Density:** 1  
**Shelf Life:** 18 months  
**Flammability Limits:** See 'Fire/Explosion Hazard' under 'Safe Handling Information'  
**Solubility in Water:** Negligible  
**Solubility in Organic Solvents:** Soluble  
**Vapour Pressure (kPa):** NAS  
**Volatiles %:** > 62  
**Flash Point (°C):** > 23

### Ingredients

<u>Chemical Entity</u>	<u>C.A.S. Number</u>	<u>Proportions %</u>
Xylene	1330-20-7	10 - 30
N Butanol	71-36-3	< 10
Propylene Glycol Monomethyl Ether Acetate	108-65-6	< 10
Polyamide Resin	123-86-4	30 - 90

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## Health Hazard Information

### Health Effects

#### Effects of Overexposure – Acute

##### Swallowed

Considered to be harmful by ingestion

##### Eye

Highly irritating to the eyes

##### Skin

Mildly irritating to the skin. Frequent or prolonged contact can cause dermatitis

##### Inhaled

Irritant to mucous membranes, high concentrations may cause dizziness, drowsiness

#### Effects of Exposure – Chronic

N/A

### Emergency and First Aid Procedures

#### Swallowed

Do not induce vomiting. Give a glass of water & seek immediate medical attention

#### Eye

Immediately hold open eyes and flush with water continuously for at least 15 minutes and seek medical attention.

#### Skin

Remove contaminated clothes and wash affected area with plenty of soap & water

#### Inhaled

Remove to fresh air. If breathing stops, apply artificial respiration. Seek immediate medical attention if effects persist.

#### Advice to Doctor

Remove to fresh air and apply artificial respiration if not breathing. Keep person calm and seek medical attention

## Precautions for Use

### Exposure Standards

50 ppm for 8 hour working day exposure

### Engineering Controls

Avoid heating product. Use mechanical ventilation to keep below TLV

### Ventilation

Use in well ventilated area or use local exhaust - face velocity > 20 m/min

### Personal Protection

**Gloves:** Long impervious PVC

**Overalls:** Cotton

**Eyes:** Chemical goggles resistant to aromatic hydrocarbon solvents

**Respiratory:** Avoid breathing vapour or spray mist. Where sufficient ventilation is not available, wear an AS1716 approved organic vapour respirator. Where exposure guidelines may be greatly exceeded (eg, in confined areas) use air supplied respirator

**Other:** Avoid contact with skin, wear apron, gloves, overalls, fire and safety boots

### Flammability

Flammable liquid, Use in well ventilated areas away from ignition source

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## Safe Handling Information

### Storage and Transport

Store away from heat, alkalis, foodstuffs and empty foodstuff containers and oxidising agents (such as chlorates, nitrates etc). Remove container lids and bungs slowly to release any internal pressure. Isolate from sources of heat, naked flames or sparks. Ensure fittings are earthed and flame proofed. Ensure adequate ventilation. Explosive air-vapour mixture may form. Take precautions against static electricity and sparking.

### Spill

Remove all ignition sources. Isolate area. Recover free liquid. Absorb in dry inert material and place in sealable labelled drums. Avoid breathing vapours. Ventilate confined spaces or use breathing apparatus. Keep out of sewers and drains by diking or impounding. Advise authorities.

### Waste Disposal

Observe all Federal, State and Local regulations. Dispatch sealed labelled material to approved waste authority.

### Fire / Explosion Hazard

<b>Explosion Limit Upper:</b>	7.0%
<b>Explosion Limit Lower:</b>	0.9%
<b>Dust Explosion Hazard:</b>	N/A
<b>Hazardous Decomposition Products:</b>	Smoke, carbon monoxide
<b>Hazardous Polymerisation Products/Reactions:</b>	Unlikely
<b>Extinguishing Media:</b>	Foam, carbon dioxide, dry chemical. Cool drums with water spray
<b>Other Precautions:</b>	Fire fighter should wear self-contained breathing apparatus in fire situations.

### Contact Points

Nutech Paint Pty:	(03) 9775 1491
Poisons Information Centre:	131 126
Fire Brigade:	000
Ambulance:	000
Police:	000

### Key to Abbreviations

N/A	Not applicable
NAS	Not assigned
°C	Degrees Celsius
k/Pa	Kilopascals
m/min	