



# EpiMax SAFETY DATA SHEET

Product Name **EpiMax 575 PART A**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	EPIMAX TECHNOLOGIES PTY LTD
Address	23 Hargraves Place Wetherill Park NSW, AUSTRALIA, 2164
Telephone	1300 721 522
Email	info@epimax.com.au
Emergency	13 11 26
Synonym(s)	575 PART A • 4057520 – PRODUCT CODE • EPOXIDE RESIN
Use(s)	Two component epoxy system. PART A for epoxy resin system.
SDS Date	08/11/22

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin Corrosion / Irritation Category: 2  
Serious Eye Damage / Eye Irritation Category: 2A  
Skin Sensitization Category: 1  
Chronic Aquatic Hazard Category: 2



Signal Word **WARNING**

### HAZARD STATEMENTS

H315	Causes skin irritation
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction
H411	Toxic to Aquatic life with long lasting effects

**Product Name: EpiMax 575 PART A**

**PREVENTION STATEMENTS**

- P280 Wear protective gloves/ protective clothing / eye protection / face protection
- P261 Avoid breathing mist / vapours / spray
- P264 Wash hands, forearms and face thoroughly after handling
- P273 Avoid release to the environment
- P272 Contaminated work clothing should not be allowed out of the workplace

**RESPONSE STATEMENTS**

- P302+352 IF ON SKIN: wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses
- P333+P313 If skin irritation or rash occurs: Get medical advice / attention

**DISPOSAL STATEMENTS**

- P501 Dispose of contents / container in accordance with local regulations

<b>UN No.</b>	3082	<b>DG CLASS</b>	9	<b>Subsidiary Risk(s)</b>	NONE ALLOCATED
<b>Packing Group</b>	III	<b>Hazchem Code</b>	NONE ALLOCATED		

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>Formula</b>	<b>CAS NO.</b>	<b>Content</b>
BISPHENOL-A-(EPICHLORHYDRIN); EPOXY RESIN	NOT AVAILABLE	25068-38-6	30-60%
1,6 HEXANEDIOL DIGLYCIDYLETHER	NOT AVAILABLE	933999-84-9	<10%
OTHER NON SCHEDULED TO			45%

**4. FIRST AID MEASURES**

- Eye**

If this product comes in contact with the eyes:

  - Wash out immediately with fresh running water
  - Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids
  - Seek medical attention without delay; if pain persists or recurs seek medical attention
  - Removal of contact lenses after and eye injury should only be undertaken by skilled personal
- Inhalation**

If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Airline respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.
- Skin**

If skin contact occurs:

  - Immediately remove all contaminated clothing, including footwear.
  - Flush skin and hair with running water (and soap if available).
  - Seek medical attention in event of irritation.
  - If fumes or combustion products are inhaled remove from contaminated area.
  - Lay patient down. Keep warm and rested.
  - Prosthesis such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
  - Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
  - Transport to hospital, or doctor.
- Ingestion**

If swallowed do NOT induce vomiting.

  - If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
  - Observe the patient carefully.

**Product Name: EpiMax 575 PART A**

- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice..

**Special Treatment** Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**Special Hazards** May evolve toxic gases (carbon oxides, phenols, hydrocarbons) when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones etc. when handling. Earth containers when dispensing fluids.

**Advice for firefighters** Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing Media** Dry agent, carbon dioxide or water fog. Prevent contamination of drains or waterways

**Hazchem Code** Not allocated

**6. ACCIDENTAL RELEASE MEASURES**

**Spillage** Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all ignition sources.

**7. STORAGE AND HANDLING**

**Storage** Store tightly sealed in a cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should be banded and have appropriate fire protection and ventilation systems.

**Precautions for safe handling** DO NOT ALLOW CLOTHING WET WITH MATERIAL TO STAY IN CONTACT WITH SKIN. Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

Exposure Stds	Ingredient	Reference	TWA	STEL	
	BISPHENOL A	SWA (AUS)	--	0.02 mg/m <sup>3</sup>	--

**Biological Limits** No biological limit allocated.

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**Engineering Controls** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

**PPE** Wear splash-proof goggles, nitrile or viton (R) gloves, coveralls and a Type A (Organic vapour) respirator. If sanding dry product, wear: a Class P1 (Particulate) respirator. If spraying, with prolonged use, or if in confined areas, wear: impervious coveralls and an Air-line respirator.



**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	WHITE LIQUID GEL STATE	<b>Solubility (water)</b>	INSOLUBLE
<b>Odour</b>	CHARACTERISTIC	<b>Specific Gravity</b>	1.25
<b>pH</b>	NOT AVAILABLE	<b>% Volatiles</b>	<2%
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	NOT FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	154°C
<b>Boiling Point</b>	NOT DETERMINED	<b>Upper Explosion Limit</b>	NOT AVAILABLE
<b>Melting Point</b>	NOT DETERMINED	<b>Lower Explosion Limit</b>	NOT AVAILABLE
<b>Evaporation Rate</b>	NOT AVAILABLE		
<b>Autoignition Rate</b>	NOT AVAILABLE	<b>Decomposition Temperature</b>	NOT AVAILABLE
<b>Partition Coefficient</b>	NOT AVAILABLE	<b>Viscosity</b>	NOT AVAILABLE

**10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable under recommended conditions of storage.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Material to avoid</b>	Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), alkalis (eg. hydroxides), heat and ignition sources.
<b>Hazardous Decomposition Products</b>	May evolve toxic gases (carbon oxides, phenols, hydrocarbons) when heated to decomposition.
<b>Hazardous Reactions</b>	Hazardous polymerization is not expected to occur.

**11. TOXICOLOGICAL INFORMATION**

<b>Health hazard summary</b>	Irritant - low to moderate toxicity. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. May cause sensitisation by skin contact. The cured product is considered non toxic.
<b>Eye</b>	Corrosive. Irritant. Contact may result in irritation, lacrimation, pain, redness and conjunctivitis. May result in burns with prolonged contact.
<b>Inhalation</b>	Irritant. Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, drowsiness, breathing difficulties, pulmonary oedema and unconsciousness. May cause sensitisation by inhalation.
<b>Skin</b>	Skin contact with the material may damage the health of the individual; systemic effects may result following absorption. This material can cause inflammation of the skin on contact in some

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persons. Epoxy materials may cause allergic and/or contact dermatitis responses, which may occur on exposure or may become apparent only after repeated exposures. Sensitisation is possible. Photoallergic dermatitis may result from contact with the material. This type of response can be elicited only in individuals who have been previously allergically sensitised to the chemical agent and appropriate radiation. The material may accentuate any pre-existing dermatitis condition.

### Ingestion

Moderate toxicity. Ingestion may result in nausea, vomiting, abdominal pain, diarrhoea, fatigue, dizziness and unconsciousness.

### Toxicity Data

<b>reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)</b>	
LD50 oral rat	LD50 oral rat > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))

<b>reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	15 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information)
NOAEL (chronic, oral, animal/female, 2 years)	100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information)

<b>reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) (25068-38-6)</b>	
NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: other:japanese MITI guidelines for toxicity testing of chemicals

## 12. ECOLOGICAL INFORMATION

### Other adverse effects

Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

## 13. DISPOSAL CONSIDERATIONS

### Waste disposal

Mix parts A + B together (small amounts), absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Ensure protective equipment is worn when mixing. Do not seal containers/tins until reaction is complete. Contact the manufacturer for additional information. Prevent contamination of drains or waterways as environmental damage may result.

### Legislation

Dispose of in accordance with relevant local legislation.

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**14. TRANSPORT INFORMATION**

CLASSIFIED AS A DANGEROUS GOOD.



Australian Dangerous Goods Code –ROAD AND RAIL

Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID N.O.S				
UN No.	3082	DG CLASS	9	Subsidiary Risk(s)	None Allocated
Packing Group	III				

IATA Dangerous Goods Regulation - AIR

Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID N.O.S				
UN No.	3082	DG CLASS	9	Subsidiary Risk(s)	None Allocated
Packing Group	III				

International Maritime Dangerous Goods Code- SEA

Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID N.O.S				
UN No.	3082	DG CLASS	9	Subsidiary Risk(s)	None Allocated
Packing Group	III				

**15. REGULATORY INFORMATION**

**Poison Schedule** Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

**Additional information** This product is used in conjunction with EpiMax 575 PART B.

WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT: If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (eg. for organic vapours/acid gas) may also be required. A Class P1(Particulate) respirator is recommended if dust is generated.

EPOXY - PHENOXY RESINS AND POLYURETHANES: Where spray painting with two or more component epoxy resins or polyurethane paints is undertaken, an employee shall wear a air-line respirator, full length chemically resistant coveralls and gloves. Further, if an individual is to enter an enclosed booth where a vapour or gas curing process is occurring, an air-line respirator is required. Once cured, these resins are considered non toxic.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken.

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Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

### ABBREVIATIONS:

ACGIH - American Conference of Industrial Hygienists.

ADG - Australian Dangerous Goods.

BEI - Biological Exposure Indice(s).

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EC No - European Community Number.

HSNO - Hazardous Substances and New Organisms.

IARC - International Agency for Research on Cancer.

mg/m<sup>3</sup> - Milligrams per Cubic Metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

PPM - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

STEL - Short Term Exposure Limit.

SWA - Safe Work Australia.

TWA - Time Weighted Average



# EpiMax SAFETY DATA SHEET

Product Name **EpiMax 575 PART B**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name** EPIMAX TECHNOLOGIES PTY LTD  
**Address** 23 Hargraves Place Wetherill Park , NSW, AUSTRALIA, 2164  
**Telephone** 1300 721 522  
**Email** info@epimax.com.au  
**Emergency** 13 11 26  
**Synonym(s)** 575 PART B • 4057520 – PRODUCT CODE • EPOXIDE RESIN  
**Use(s)** Two component epoxy system. PART B for epoxy resin system.  
**SDS Date** 08/11/22

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin Corrosion / Irritation Category: 2  
Serious Eye Damage / Eye Irritation Category: 1  
Skin Sensitization Category: 1  
Chronic Aquatic Hazard Category: 2



**Signal Word** DANGER

### HAZARD STATEMENTS

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H411 Toxic to aquatic life with long lasting effects

### PREVENTION STATEMENTS

P261 Avoid breathing dust/ mist / vapours / spray  
P264 Wash hands, forearms and face thoroughly after handling  
P273 Avoid release to the environment

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P272 Contaminated work clothing should not be allowed out of the workplace  
 P280 Wear eye protection, protective clothing, protective gloves

**RESPONSE STATEMENTS**

P302+352 IF ON SKIN: wash with plenty of soap and water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses  
 P310 Immediately call a POISON CENTER/doctor.

**DISPOSAL STATEMENTS**

P501 Dispose of contents / container in accordance with local regulations

<b>UN No.</b>	3082	<b>DG CLASS</b>	9	<b>Subsidiary Risk(s)</b>	NONE ALLOCATED
<b>Packing Group</b>	III	<b>Hazchem Code</b>	NONE ALLOCATED		

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>CAS NO.</b>	<b>Content</b>
FATTY ACIDS, C18-UNSATD., DIMERS, OLIGOMERIC REACTION PRODUCTS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE	68082-29-1	> 30-60%
OTHER NON SCHEDULED TO		>50%

**4. FIRST AID MEASURES**

**Eye** If this product comes in contact with the eyes:

- Wash out immediately with fresh running water
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids
- Seek medical attention without delay; if pain persists or recurs seek medical attention
- Removal of contact lenses after and eye injury should only be undertaken by skilled personal

**Inhalation** If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Airline respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

**Skin** If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.
- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prosthesis such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

**Ingestion** If swallowed do NOT induce vomiting.

- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.

**Product Name: EpiMax 575 PART B**

- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice..

**Special Treatment** Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**Special Hazards** May evolve toxic gases (carbon oxides, phenols, hydrocarbons) when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones etc. when handling. Earth containers when dispensing fluids.

**Advice for firefighters** Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing Media** Dry agent, carbon dioxide or water fog. Prevent contamination of drains or waterways

**Hazchem Code** Not allocated

**6. ACCIDENTAL RELEASE MEASURES**

**Spillage** Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all ignition sources.

**7. STORAGE AND HANDLING**

**Storage** Store tightly sealed in a cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should be bunded and have appropriate fire protection and ventilation systems.

**Precautions for safe handling** DO NOT ALLOW CLOTHING WET WITH MATERIAL TO STAY IN CONTACT WITH SKIN. Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Product Name: **EpiMax 575 PART B**

**8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

**Exposure Stds** N/A

**Biological Limits** No biological limit allocated.

**Engineering Controls** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

**PPE**

**MATERIALS FOR PROTECTIVE CLOTHING**

<b>CONDITION</b>	<b>Material</b>	<b>Standard</b>
Good Resistance:	Natural Fibres	

**HAND PROTECTION:** AS/NZS 2161 Part 2 Industrial Safety Gloves

<b>TYPE</b>	<b>MATERIAL</b>	<b>PERMEATION</b>	<b>THICKNESS (mm)</b>	<b>PENETRATION</b>	<b>STANDARD</b>
Disposable gloves	Polyvinylchloride (PVC), Natural rubber	6 (> 480 minutes)	> 0.5mm	>0.5mm	AS 2161 P2, EN 374-3

**EYE PROTECTION:** AS/NZS 1336 Recommended practices for eye protection

<b>TYPE</b>	<b>USE</b>	<b>CHARACTERISTICS</b>	<b>STANDARD</b>
Safety Goggles	Droplet	With side shields	AS 1336

**SKIN AND BODY PROTECTION**

<b>TYPE</b>	<b>STANDARD</b>
Apron	AS 4501



**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	BLACK LIQUID GEL STATE	<b>Solubility (water)</b>	INSOLUBLE
<b>Odour</b>	CHARACTERISTIC	<b>Specific Gravity</b>	1.25
<b>pH</b>	NOT AVAILABLE	<b>% Volatiles</b>	<2%
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	NOT FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	154°C
<b>Boiling Point</b>	NOT DETERMINED	<b>Upper Explosion Limit</b>	NOT AVAILABLE
<b>Melting Point</b>	NOT DETERMINED	<b>Lower Explosion Limit</b>	NOT AVAILABLE
<b>Evaporation Rate</b>	NOT AVAILABLE		
<b>Autoignition Rate</b>	NOT AVAILABLE	<b>Decomposition Temperature</b>	NOT AVAILABLE
<b>Partition Coefficient</b>	NOT AVAILABLE	<b>Viscosity</b>	NOT AVAILABLE

**10. STABILITY AND REACTIVITY**

**Product Name: EpiMax 575 PART B**

<b>Chemical Stability</b>	Stable under recommended conditions of storage.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Material to avoid</b>	Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), alkalis (eg. hydroxides), heat and ignition sources.
<b>Hazardous Decomposition Products</b>	May evolve toxic gases (carbon oxides, phenols, hydrocarbons) when heated to decomposition.
<b>Hazardous Reactions</b>	Hazardous polymerization is not expected to occur.

**11. TOXICOLOGICAL INFORMATION**

**Health hazard summary** Irritant - low to moderate toxicity. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. May cause sensitisation by skin contact. The cured product is considered non toxic.

**Eye** Corrosive. Irritant. Contact may result in irritation, lacrimation, pain, redness and conjunctivitis. May result in burns with prolonged contact.

**Inhalation** Irritant. Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, drowsiness, breathing difficulties, pulmonary oedema and unconsciousness. May cause sensitisation by inhalation.

**Skin** Skin contact with the material may damage the health of the individual; systemic effects may result following absorption. This material can cause inflammation of the skin on contact in some persons. Epoxy materials may cause allergic and/or contact dermatitis responses, which may occur on exposure or may become apparent only after repeated exposures. Sensitisation is possible. Photoallergic dermatitis may result from contact with the material. This type of response can be elicited only in individuals who have been previously allergically sensitised to the chemical agent and appropriate radiation. The material may accentuate any pre-existing dermatitis condition.

**Ingestion** Moderate toxicity. Ingestion may result in nausea, vomiting, abdominal pain, diarrhoea, fatigue, dizziness and unconsciousness.

**Toxicity Data**

<b>Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423(Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))

<b>Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)</b>	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

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**12. ECOLOGICAL INFORMATION**

Other adverse effects	<b>Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine (68082-29-1)</b>	
LC50 fish 1	7.07 mg/l	Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 fish 2	> 1000 mg/l	Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 Daphnia 1	7.07 mg/l	Test organisms (species): Daphnia magna
LOEC (chronic)	1 mg/l	Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.3 mg/l	Test organisms (species): Daphnia magna Duration: '21 d'

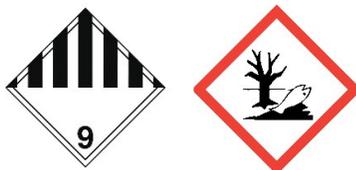
**13. DISPOSAL CONSIDERATIONS**

**Waste disposal** Mix parts A + B together (small amounts), absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Ensure protective equipment is worn when mixing. Do not seal containers/tins until reaction is complete. Contact the manufacturer for additional information. Prevent contamination of drains or waterways as environmental damage may result.

**Legislation** Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION**

**CLASSIFIED AS A DANGEROUS GOOD.**



Australian Dangerous Goods Code –ROAD AND RAIL

<b>Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID N.O.S				
<b>UN No.</b>	3082	<b>DG CLASS</b>	9	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Packing Group</b>	III				

IATA Dangerous Goods Regulation - AIR

<b>Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID N.O.S				
<b>UN No.</b>	3082	<b>DG CLASS</b>	9	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Packing Group</b>	III				

International Maritime Dangerous Goods Code- SEA

<b>Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID N.O.S				
<b>UN No.</b>	3082	<b>DG CLASS</b>	9	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Packing Group</b>	III				

Product Name:

## EpiMax 575 PART B

### 15. REGULATORY INFORMATION

**Poison Schedule** Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

### 16. OTHER INFORMATION

**Additional information** This product is used in conjunction with EpiMax 575 PART A.

**WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT:** If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (eg. for organic vapours/acid gas) may also be required. A Class P1(Particulate) respirator is recommended if dust is generated.

**EPOXY - PHENOXY RESINS AND POLYURETHANES:** Where spray painting with two or more component epoxy resins or polyurethane paints is undertaken, an employee shall wear a air-line respirator, full length chemically resistant coveralls and gloves. Further, if an individual is to enter an enclosed booth where a vapour or gas curing process is occurring, an air-line respirator is required. Once cured, these resins are considered non toxic.

**RESPIRATORS:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken.

Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.