



# EpiMax SAFETY DATA SHEET

Product Name: **EpiMax 111 PART A**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

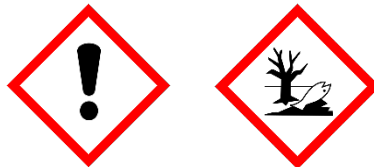
|               |  |
|---------------|--|
| Supplier Name | EPIMAX TECHNOLOGIES PTY LTD                                |
| Address       | 23 Hargraves Place, Wetherill Park NSW 2164                |
| Telephone     | 1300 721 522   |
| Email         | info@email.com.au  |
| Emergency     | 13 11 26   |
| Synonym(s)    | 111 PART A • 4011102 – PRODUCT CODE • EPOXIDE RESIN        |
| Use(s)        | Two part epoxy resin composition. Use with EPIMAX 111 PART |
| SDS Date      | 17/06/24   |

## 2. HAZARDS IDENTIFICATION

### GHS Classifications

Skin sensitization: Category 1  
Aquatic Chronic: Category 2  
Skin Irritation: Category 2  
Eye Irritation: Category 2A

SIGNAL WORD: WARNING



### HAZARD STATEMENTS

|      |   |
|------|---|
| H312 | Harmful in contact with skin                    |
| 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 111 PART A**

**PREVENTION STATEMENTS**

P262 Do not get in eyes, on skin, or on clothing  
P264 Wash hands thoroughly after handling  
P272 Contaminated clothing should not be allowed out of the workplace  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection

**RESPONSE STATEMENTS**

P302+352 IF ON SKIN, wash with plenty of soap and water  
P362 Take off contaminated clothing and wash before use  
P333+313 If skin irritation or rash occurs, gets medical advice / attention  
P305+351 IF IN EYES, rinse cautiously with water for several minutes  
P337+313 If eye irritation persists, get medical attention  
P391 Collect spillage  
P501 Dispose of contents/ containers in accordance with local regulation

|                      |                |                     |                |                           |                |
|----------------------|----------------|---------------------|----------------|---------------------------|----------------|
| <b>UN No.</b>        | 3082           | <b>DG CLASS</b>     | 9              | <b>Subsidiary Risk(s)</b> | None Allocated |
| <b>Packing Group</b> | None Allocated | <b>Hazchem Code</b> | None Allocated |                           |                |

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| <b>Ingredient</b> | <b>Formula</b> | <b>CAS NO.</b> | <b>Content</b> |
|-------------------|----------------|----------------|----------------|
| EPOXY RESIN       | NOT AVAILABLE  | 25068-38-6     | > 60%          |
| EPOXY RESIN       | NOT AVAILABLE  | 002425-79-8    | 10-20%         |

**4. FIRST AID MEASURES**

**Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**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 or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT use solvents to remove product from skin. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**Special Treatment** Treat symptomatically.

**First Aid Facilities** Eye wash fountain, safety shower and normal washroom facilities.

**5. FIRE FIGHTING MEASURES**

**Special Hazards** Combustible. May evolve toxic gases (carbon oxides, phenols, hydrocarbons) when heated to decomposition.

**Product Name:** EpiMax 111 PART A

**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** None 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** 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** No exposure standard(s) allocated.

**Biological Limits** No biological limit allocated.

**Engineering Controls** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

**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>      | CLEAR LIQUID   | <b>Solubility (water)</b> | INSOLUBLE            |
| <b>Odour</b>           | AROMATIC ODOUR | <b>Specific Gravity</b>   | 1.1 – 2.0            |
| <b>pH</b>              | NOT AVAILABLE  | <b>% Volatiles</b>        | <2%                  |
| <b>Vapour Pressure</b> | NOT AVAILABLE  | <b>Flammability</b>       | CLASS C1 COMBUSTIBLE |

**Product Name: EpiMax 111 PART A**

|                              |               |                                  |               |
|------------------------------|---------------|----------------------------------|---------------|
| <b>Vapour Density</b>        | NOT AVAILABLE | <b>Flash Point</b>               | > 154°C       |
| <b>Boiling Point</b>         | NOT AVAILABLE | <b>Upper Explosion Limit</b>     | NOT AVAILABLE |
| <b>Melting Point</b>         | NOT AVAILABLE | <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>                   | Irritant. Contact may result in irritation, lacrimation, pain and redness.   |
| <b>Inhalation</b>            | Irritant. Over exposure whilst curing may result in irritation of the nose and throat, coughing, possible sensitisation with asthma-like symptoms and pulmonary oedema at high levels.   |
| <b>Skin</b>                  | Irritant. Contact may result in irritation, redness, rash and dermatitis. May cause sensitisation by skin contact.   |
| <b>Ingestion</b>             | Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.   |
| <b>Toxicity Data</b>         |  |
| CAS 25068-38-6               | Oral LD50 > 15,000mg/kg (rat)<br>Dermal LD50 > 23,000mg/kg (rabbit)  |
|                              | Primary irritant effect<br>On the skin    irritant to skin and mucus membranes<br>On the eye    irritating effect<br>Sensitisation    sensitisation possible through skin contact  |
|                              | Long term hazards (Chronic exposure)<br>Inhaled: Prolonged exposure to high concentrations of vapour may affect the CNS<br>On the skin: Product may be a skin sensitizer in some individuals<br>On the eye: Corneal injury   |

**12. ECOLOGICAL INFORMATION**

|                              |   |
|------------------------------|---|
| <b>Other adverse effects</b> | <b>CAS 25068-38-6 Reaction product Bisphenol-A- Epoxy resin ecotoxicity: Acute toxicity to fish</b> |
|------------------------------|---|

**Product Name: EpiMax 111 PART A**

Material is toxic to aquatic organisms (LC50/EC50/IC50 between 1 and 10 mg/L in most sensitive species).

LC50, Oncorhynchus mykiss (rainbow trout), semi-static test, 96 Hour, 2 mg/l

**Acute toxicity to aquatic invertebrates**

EC50, Daphnia magna (Water flea), static test, 48 Hour, 1.8 mg/l

**Acute toxicity to algae/aquatic plants**

ErC50, Scenedesmus capricornutum (fresh water algae), static test, 72 Hour, Growth rate inhibition, 11 mg/l

**Toxicity to bacteria**

IC50, Bacteria, 18 Hour, Respiration rates. > 42.6 mg/l

**Chronic aquatic toxicity**

**Chronic toxicity to aquatic invertebrates**

MATC (Maximum Acceptable Toxicant Level), Daphnia magna (Water flea), semi-static test, 21 d, number of offspring, 0.55 mg/l

**Persistence and Degradability**

Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

10-day Window: Not applicable

Biodegradation: 12 %

Exposure time: 28 d

Method: OECD Test Guideline 302B or Equivalent

**Bioaccumulative potential**

Bioaccumulation: Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5).

Partition coefficient: n-octanol/water (log Pow): 3.242 at 25 °C Estimated.

**Mobility in Soil**

Potential for mobility in soil is low (Koc between 500 and 2000).

Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process.

Partition coefficient (Koc): 1800 - 4400 Estimated.

**13. DISPOSAL CONSIDERATIONS**

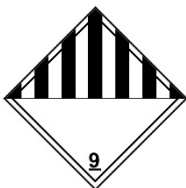
**Waste disposal**

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**



Product Name: **EpiMax 111 PART A**

|               |  |              |    |                    |                |
|---------------|--|--------------|----|--------------------|----------------|
| Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, Liquid, N.O.S |              |    |                    |                |
| UN No.        | 3082   | DG CLASS     | 9  | Subsidiary Risk(s) | NONE ALLOCATED |
| Packing Group | III  | Hazchem Code | 3Z |                    |                |

Note: Environmentally Hazardous Substances meeting the description of UN 3082 are not subject to the Australian Dangerous Goods Code when transported by road or rail in packagings not exceeding 500 Kg or 500 L.

#### IATA

|               |  |              |    |                    |                |
|---------------|--|--------------|----|--------------------|----------------|
| Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, Liquid, N.O.S |              |    |                    |                |
| UN No.        | 3082   | DG CLASS     | 9  | Subsidiary Risk(s) | NONE ALLOCATED |
| Packing Group | III  | Hazchem Code | 3Z |                    |                |

#### IMDG

|               |  |              |    |                    |                |
|---------------|--|--------------|----|--------------------|----------------|
| Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, Liquid, N.O.S |              |    |                    |                |
| UN No.        | 3082   | DG CLASS     | 9  | Subsidiary Risk(s) | NONE ALLOCATED |
| Packing Group | III  | Hazchem Code | 3Z |                    |                |

### 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 111 Part B Hardener.

**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.

**ABBREVIATIONS:**

ACGIH - American Conference of Industrial Hygienists.

ADG - Australian Dangerous Goods.

BEI - Biological Exposure Indice(s).

**Product Name: EpiMax 111 PART A**

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.

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# EpiMax SAFETY DATA SHEET

Product Name: **EpiMax 111 PART B**

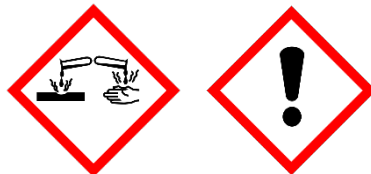
## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                     |  |
|---------------------|--|
| <b>Supplier</b>     | EPIMAX TECHNOLOGIES PTY LTD                                  |
| <b>Name Address</b> | 23 Hargraves Place, Wetherill Park NSW 2164                  |
| <b>Email</b>        | info@epimax.com.au   |
| <b>Emergency</b>    | 13 11 26   |
| <b>Synonym(s)</b>   | 111 PART B • 5022220 – PRODUCT CODE                          |
| <b>Use(s)</b>       | Two component epoxy system. Hardener for epoxy resin system. |
| <b>SDS Date</b>     | 17/06/24   |

## 2. HAZARDS IDENTIFICATION

**GHS Classifications** Eye Damage Category:1  
Skin Irritation Category: 2  
Skin Sensitization Category: 1

**Signal Word** DANGER



### HAZARD STATEMENTS

H314 Causes severe skin burns and eye damage  
H302 Harmful if swallowed  
H317 May cause an allergic skin reaction  
H412 Harmful to aquatic life with long lasting effects

### PREVENTION AND RESPONSE STATEMENTS

P262 Do not get in eyes, on skin, or on clothing  
P261 Avoid breathing dust/fumes/gas/mist/spray  
P264 Wash hands thoroughly after handling  
P272 Contaminated clothing should not be allowed out of the workplace  
P273 Avoid release to the environment  
P280 Wear protective gloves and eye protection/ face protection  
P302+352 IF ON SKIN: wash with plenty of soap and water  
P362 Take off contaminated clothing and wash before use  
P333+351 If skin irritation or rash occurs, get medical advice/attention  
P305+351 IF IN EYES: rinse cautiously with water for several minutes  
P310 Immediately call a POISON CENTRE/doctor/physician/first aider  
P391 Collect spillage



**Product Name: EpiMax 111 PART B**

P501

Dispose of contents/ containers in accordance with local regulation

|                      |      |                     |    |                           |                |
|----------------------|------|---------------------|----|---------------------------|----------------|
| <b>UN No.</b>        | 2735 | <b>DG CLASS</b>     | 8  | <b>Subsidiary Risk(s)</b> | None Allocated |
| <b>Packing Group</b> | III  | <b>Hazchem Code</b> | 2X |                           |                |

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| <b>Ingredient</b>       | <b>Formula</b> | <b>CAS NO.</b> | <b>Content</b> |
|-------------------------|----------------|----------------|----------------|
| ISOPHORONE DIAMINE      | NOT AVAILABLE  | 2855-13-2      | >30% - <60%    |
| POLYOXYALKYLENE AMINE   | NOT AVAILABLE  | 9046-10-0      | > 30% - <60%   |
| TETRAETHYLENE PENTAMINE | NOT AVAILABLE  | 112-57-0       | <15%           |
|                         |                |                |                |

**4. FIRST AID MEASURES**

|                             |  |
|-----------------------------|--|
| <b>Eye</b>                  | Hold eyes open and wash thoroughly with flowing water for 15 minutes. Seek prompt medical attention by a doctor. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.   |
| <b>Inhalation</b>           | If effects occur, remove to fresh air. Seek medical attention. If fumes or combustion products are inhaled remove from contaminated area. Inhalation if vapors or aerosols (mists, fumes) may cause lung oedema  |
| <b>Skin</b>                 | Wash skin thoroughly with soap and flowing water for 15 minutes. DO NOT use solvents to remove product from skin. It is recommended to remove contaminated clothing immediately. Wash clothing thoroughly before re-use. Discard contaminated footwear |
| <b>Ingestion</b>            | For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.  |
| <b>Special Treatment</b>    | Treat symptomatically.   |
| <b>First Aid Facilities</b> | Eye wash facilities and safety shower should be available.   |

**5. FIRE FIGHTING MEASURES**

|                                |   |
|--------------------------------|---|
| <b>Special Hazards</b>         | Combustible. May evolve toxic gases (carbon/ nitrogen oxides, amines, ammonia, hydrocarbons) when heated to decomposition.  |
| <b>Advice for firefighters</b> | 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. |
| <b>Extinguishing Media</b>     | Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.  |
| <b>Hazchem Code</b>            | 2X  |

**6. ACCIDENTAL RELEASE MEASURES**

**Product Name: EpiMax 111 PART B**

**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 in a cool, dry, well ventilated area, removed from oxidising agents, alkalis, acids, heat or ignition sources and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use. Store as a Class C1 Combustible Liquid (AS1940).

**Precautions for safe handling** 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** No exposure standard (s) allocated.

**Biological Limits** No biological limit allocated.

**Engineering Controls** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

**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>               | CLEAR AMBER LIQUID           | <b>Solubility (water)</b>        | SLIGHT               |
| <b>Odour</b>                    | SLIGHTLY AMMONIACAL<br>ODOUR | <b>Specific Gravity</b>          | 0.96 TO 1.08         |
| <b>pH</b>                       | NOT AVAILABLE                | <b>% Volatiles</b>               | < 2 %                |
| <b>Vapour Pressure</b>          | NOT AVAILABLE                | <b>Flammability</b>              | CLASS C1 COMBUSTIBLE |
| <b>Vapour Density</b>           | NOT AVAILABLE                | <b>Flash Point</b>               | 110 °C               |
| <b>Boiling Point</b>            | NOT AVAILABLE                | <b>Upper Explosion Limit</b>     | NOT AVAILABLE        |
| <b>Melting Point</b>            | NOT AVAILABLE                | <b>Lower Explosion Limit</b>     | NOT AVAILABLE        |
| <b>Evaporation Rate</b>         | NOT AVAILABLE                |                                  |                      |
| <b>Autoignition Temperature</b> | NOT AVAILABLE                | <b>Decomposition Temperature</b> | NOT AVAILABLE        |
| <b>Partition Coefficient</b>    | NOT AVAILABLE                | <b>Viscosity</b>                 | NOT AVAILABLE        |

**10. STABILITY AND REACTIVITY**

**Chemical Stability** Stable under recommended conditions of storage

**Product Name: EpiMax 111 PART B**

|   |  |
|---|--|
| <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/ nitrogen oxides, amines, ammonia, hydrocarbons) when heated to decomposition.                        |
| <b>Hazardous Reactions</b>              | Hazardous polymerization is not expected to occur.   |

**11. TOXICOLOGICAL INFORMATION**

|                              |  |
|------------------------------|--|
| <b>Health hazard summary</b> | Corrosive. This product has the potential to cause adverse health effects. Use safe work practices to avoid eye or skin contact and inhalation. Potential sensitising agent. Individuals with pre-existing respiratory impairment (eg asthmatics) or skin sensitivities may be more susceptible to adverse health effects. |
| <b>Eye</b>                   | Corrosive - irritant. Contact may result in irritation, lacrimation, pain, redness, corneal burns and possible permanent damage.   |
| <b>Inhalation</b>            | Corrosive. Over exposure may result in irritation of the nose and throat, coughing, burning sensation, nausea and dizziness. May cause sensitisation by inhalation. High level exposure may result in breathing difficulties, ulceration, pulmonary oedema and unconsciousness.  |
| <b>Skin</b>                  | Slightly corrosive. Contact may result in irritation, redness, pain, rash, dermatitis and possible burns. May cause sensitisation by skin contact.   |
| <b>Ingestion</b>             | Corrosive. Ingestion may result in burns to the mouth and throat, nausea, vomiting, ulceration of the gastrointestinal tract, breathing difficulties, circulatory collapse and coma.   |
| <b>Toxicity Data</b>         | ISOPHORONE DIAMINE (2855-13-2)<br>LD50 (Ingestion): 500 - 1080 mg/kg (rat)<br>LD50 (Skin): 730 - 1090 mg/kg (rabbit)   |

**12. ECOLOGICAL INFORMATION**

|                              |  |
|------------------------------|--|
| <b>Other adverse effects</b> | 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**

|                       |  |
|-----------------------|--|
| <b>Waste disposal</b> | 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. |
| <b>Legislation</b>    | Dispose of in accordance with relevant local legislation.  |

**14. TRANSPORT INFORMATION**

Product Name: **EpiMax 111 PART B**



**CLASSIFIED AS A DANGEROUS GOOD THE CRITERIA OF THE ADG CODE**

|                      |                         |                     |    |                           |                |
|----------------------|-------------------------|---------------------|----|---------------------------|----------------|
| <b>Shipping Name</b> | CORROSIVE LIQUID, N.O.S |                     |    |                           |                |
| <b>UN No.</b>        | 2735                    | <b>DG CLASS</b>     | 8  | <b>Subsidiary Risk(s)</b> | None Allocated |
| <b>Packing Group</b> | III                     | <b>Hazchem Code</b> | 2X | <b>GTEPG</b>              | 8A1            |

IATA

|                      |                         |                     |    |                           |                |
|----------------------|-------------------------|---------------------|----|---------------------------|----------------|
| <b>Shipping Name</b> | CORROSIVE LIQUID, N.O.S |                     |    |                           |                |
| <b>UN No.</b>        | 2735                    | <b>DG CLASS</b>     | 8  | <b>Subsidiary Risk(s)</b> | None Allocated |
| <b>Packing Group</b> | III                     | <b>Hazchem Code</b> | 2X |                           |                |

IMDG

|                      |                         |                     |    |                           |                |
|----------------------|-------------------------|---------------------|----|---------------------------|----------------|
| <b>Shipping Name</b> | CORROSIVE LIQUID, N.O.S |                     |    |                           |                |
| <b>UN No.</b>        | 2735                    | <b>DG CLASS</b>     | 8  | <b>Subsidiary Risk(s)</b> | None Allocated |
| <b>Packing Group</b> | III                     | <b>Hazchem Code</b> | 2X |                           |                |

**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 111 PART A / Compound.

**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.

**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.

**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.

**Product Name: EpiMax 111 PART B**

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.