


**SAFETY DATA SHEET****1. Product and Company Identification**

- 1.1 PRODUCT NAME:** EPISTIXX CP (UNIT B)
- 1.2 USE OF PRODUCT** When mixed with Unit A provides a hard wearing water-borne epoxy finish particularly for car park floors or similar.
- 1.3 SUPPLIER:**  
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Riverlands Industrial Estate  
Blenheim, Marlborough, New Zealand  
Telephone: +64 3 578 0214  
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Email: admin@equus.co.nz
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**  
**Telephone: 0800 764 766**
- 1.5 DATE OF PREPARATION:** **30 April 2024**

**2. Hazards Identification**

- 2.1 Statement of Hazardous Nature:**  
Classified as hazardous according to New Zealand Hazardous Substances. (Minimum degree of hazard) Regulations 2020.
- 2.2 HSNO Group Standard:**  
Surface Coatings and Colourants (Subsidiary Hazard) 2020
- 2.3 Hazard Classification:**
- |                                 |            |
|---------------------------------|------------|
| Skin Corrosion/Irritation       | Category 2 |
| Serious Eye damage / Irritation | Category 1 |
| Aquatic toxicity (Chronic)      | Category 3 |
- 2.4 Pictograms:**
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- Signal Word: Danger**
- 2.5 Hazard Statements:**
- H315 Causes skin irritation.
  - H318 Causes serious eye damage.
  - H412 Harmful to aquatic life with long lasting effects.

**2.6 Prevention Statements:**

- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

**2.7 Response Statements**

- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P362 Take off contaminated clothing and wash before re-use.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician.

**3. Composition/Information on Ingredients****3.1 Chemical Characterization (Preparation):**

This product is a preparation

**3.2 Hazardous Ingredients:**

| CAS NO.     | COMPONENT  | CONCENTRATION % |
|-------------|--|-----------------|
| 260549-92-6 | Decanedioic acid, compounds with 1,3 benzenedimethaneamine-bis a-deta glyc ph et rx prod-epic-form-propylene-oxide-teta pol            | 15-35           |
| 68915-18-1  | Linseed oil, polymer with bis-A, bis A diglycidyl ether, ditheythylenetriamine, formaldehyde, glycidyl Ph ether, pentaethylenhexamine. | 7-9             |
| 4067-16-7   | 3,6,9,12 tetraazatetradecamethylenediamine   | <0.75           |
| 64-19-7     | Acetic Acid  | <0.75           |
| 112-57-2    | 3,6,9- Triazaundecamethylenediamine  | <0.75           |
| 111-40-0    | 2,2' – Iminodi (ethylamine)  | <0.75           |
| -           | Non Hazardous ingredients  | Balance         |

**4. First Aid Measures****4.1 After Inhalation:**

Remove person to fresh air. If irritation to respiratory system develops, consult a doctor.

**4.2 After Skin Contact:**

Wash off immediately with plenty of water. Remove any contaminated clothing, and seek medical attention if irritation develops.

**4.3 After Eye Contact:**

Rinse immediately with plenty of water while holding eyelid open, for at least 20 minutes. Remove contact lenses, if present and easy to do. Seek medical attention.

**4.4 After Ingestion:**

Do not induce vomiting. Rinse mouth thoroughly with water immediately. Seek medical advice. If a person vomits, place in recovery position. Prevent aspiration of vomit.

**4.5 Advice to Doctor:**

Application of corticosteroid cream had been effective in treating skin irritation.

**5. Fire Fighting Measures****5.1 Suitable Extinguishing Media:**

Alcohol-resistant foam, Carbon Dioxide, Dry Chemical, Dry Sand, Limestone Powder

**5.2 Protective Equipment:**

Use personal protective equipment. Wear self-contained breathing apparatus if necessary.

**5.3 Specific Hazards:**

Incomplete combustion may form carbon monoxide. May generate ammonia gas, and/or toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

**6. Accidental Release Measures****6.1 Preliminary Action and Precautions:**

**6.1.1** Use personal protective equipment. Chemically protective clothing, gloves, eye/face protection and self-contained breathing apparatus.

**6.1.2** Evacuate personnel to safe areas.

**6.1.3** Material can create slippery conditions.

**6.1.4** If possible, stop flow of product.

**6.1.5** Contain spills immediately by constructing dikes with inert materials (eg. sand, earth etc.)

**6.1.6** Transfer liquids and solid diking material to suitable containers for recovery or disposal.

**6.1.7** Collect run-off water and transfer to drums or tanks for later disposal.

**6.1.8** Keep spills and run off water from entering sewers, drains and open bodies of water.

**6.1.9** Open enclosed spaces to outside atmosphere.

**7. Handling and Storage****7.1 Handling:**

**7.1.1** Use only in well ventilated areas.

**7.1.2** Avoid contact with eyes

**7.1.3** Avoid breathing of vapours and/or aerosol

- 7.1.4 Wear personal protective equipment.
- 7.1.5 DO NOT eat, drink or smoke
- 7.1.6 Emergency shower and eye wash station should be readily accessible.
- 7.1.7 Adhere to work practice rules established by regulations.

**7.2 Storage:**

- 7.2.1 Store in a dry cool, well ventilated space.
- 7.2.2 DO NOT store near acids.
- 7.2.3 DO NOT store in reactive metal containers.

|   |
|---|
| <b>8. Exposure Controls and Personal Protection Equipment</b> |
|---|

**8.1 Exposure Limits:**  
 No values assigned for this specific material.

| Chemical Name | Cas Number | Regulation              | Limit  |
|---------------|------------|-------------------------|--|
| Acetic Acid   | 64-19-7    | WES – TWA<br>WES – STEL | 10ppm 25mg/m <sup>3</sup><br>15ppm 37mg/m <sup>3</sup> |

**8.2 Exposure Controls:**

**8.2.1 Engineering Measures.**  
 Provide natural or forced ventilation adequate to ensure concentrations are kept below exposure limits.  
 Provide readily accessible eye wash stations.

**8.2.2 Personal Protective Equipment:**

|   |  |
|---|--|
| Respiratory Protection –                            | Not generally required. Use certified respiratory protection when respiratory risk cannot be avoided, particularly when spraying.  |
| Hand Protection –                                   | Chemically resistant gloves.<br>Butyl rubber<br>Nitrile rubber<br>Neoprene<br>NB. The breakthrough time of the selected gloves must be greater than the intended use period.                   |
| Eye Protection –                                    | Chemical and splash-proof goggles must be worn.<br>Workers should not contact their eyes or skin with hands contaminated with Epistixx CP Unit B.  |
| Skin & Body Protection -                            | Long sleeve overalls without cuffs.  |
| Special Instructions for -<br>Protection & Hygiene. | Discard contaminated leather items.<br>Provide readily accessible eye wash stations and wash facilities.<br>Wash at the end of each work shift and before eating, smoking or using the toilet. |

**8.3 Additional Controls:**

Environmental Exposure - Prevent material from entering drains, water courses or sewers.  
Construct a dike to prevent spreading.

**9. Physical and Chemical Properties****9.1 General Information:**

|                                     |                     |
|-------------------------------------|---------------------|
| <b>Physical State/Form</b>          | Viscous Liquid      |
| <b>Colour</b>                       | Yellow              |
| <b>Odour</b>                        | Slightly ammoniacal |
| <b>Boiling Point</b>                | >100°C              |
| <b>Flash Point</b>                  | >100°C              |
| <b>Water Solubility/Miscibility</b> | Dispersible         |
| <b>Specific Gravity</b>             | 1.05                |
| <b>pH</b>                           | 9.2 – 9.4           |
| <b>VOC</b>                          | 0 g/l               |

**10. Stability and Reactivity****10.1 Chemical Stability:**

Stable under normal conditions.

**10.2 Conditions to Avoid:**

No data available

**10.3 Material to Avoid:**

Sodium hypochlorite, organic acids, mineral acids, amines, reducing agents and oxidising agents. Incompatible with bases, and oxidising agents. Reaction with peroxides may result in violent decomposition of peroxide, possibly creating an explosion.

**10.4 Hazardous Decomposition Products:**

Nitric Acid, Ammonia, Nitrogen Oxides, Carbon Monoxide, Carbon Dioxide.

**11. Toxicological Information****11.1 Acute Health Hazard:**

|                               |   |
|-------------------------------|---|
| Ingestion -                   | LD 50: > 2000 mg/kg<br>Species: Rat   |
| Inhalation -                  | May cause nose, throat and lung irritation. Inhalation of vapours and/or aerosols in high concentration may cause irritation to the respiratory system. |
| Skin -                        | LD 50: >2000mg/kg<br>Species: Rabbit  |
| Eye irritation/corrosion -    | Severe eye irritation. Corrosive to eyes.   |
| Dermal irritation/corrosion - | Mild skin irritation  |

**11.1 Chronic Effects:**

Prolonged contact may result in chemical burns and permanent damage. Repeated or prolonged contact causes sensitization, asthma and eczemas, adverse skin and eye effects (such as rash, irritation or corrosion, conjunctivitis or corneal damage). Medical disorders may be aggravated (skin disorders, allergies etc).

**12. Ecological Information**

- 12.1 Environment Protection:**  
Prevent from entering sewers, drains and waterways.
- 12.2 Ecotoxicity:**  
Aquatic Toxicity: No data on the product itself.  
Toxicity to other organisms: No data available.
- 12.3 Persistence and degradability:**  
Mobility: No data available
- 12.4 Bioaccumulative Potential:**  
No data available on product itself.

**13. Disposal Consideration**

- 13.1 Material:**  
Dispose of according to regulation by incineration in a special waste incinerator or landfill at a permitted facility in accordance with local/national regulations.  
Consult manufacturer for recycle options and recycle where possible.  
Decontaminate empty containers.

**14. Transport Information**

- 14.1 Land Transport:**  
Not Classified as hazardous for transport.

**15. Regulatory Information**

- 15.1 HSNO Approval:**  
Approved Code - HSR 002670  
HSNO Group Standard - Surface Coatings and Colourants (Subsidiary Hazard)2020
- 15.2 HSNO Controls:**  
Approved Handler - Not Required

**16. Other Information****16.1 Abbreviations/Terminology:**

|             |  |
|-------------|--|
| <b>HSNO</b> | Hazardous substances and New Organisms Act   |
| <b>CAS</b>  | Chemical Abstract Service  |
| <b>LD50</b> | Lethal dose-Dose required to produce the specified effect in 50% of the sample studied.          |
| <b>WES</b>  | Workplace Exposure Standard (NZ Department of Business, Innovation and Employment)               |
| <b>TWA</b>  | Time weighted average exposure level designed to protect from the effects of long-term exposure. |
| <b>STEL</b> | Shor-term Exposure Level (15 minutes)  |
| <b>VOC</b>  | Volatile Organic Compound  |

**16.2 Issue Information:**

Date of Preparation: 30 April 2024

Reasons: Update and format change to GHS

Replaces: 5 June 2015

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