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SAFETY DATA SHEET

SDS 423A

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1. Product and Company Identification

- 1.1 PRODUCT NAME:** EPISTIXX SL FLOORING (UNIT A)
- 1.2 USE OF PRODUCT** When mixed with Unit B provides a hard wearing self-levelling epoxy floor finish.
- 1.3 SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
Fax: +64 3 5780919
- 1.4 EMERGENCY CONTACT:** National Poison Centre
Telephone: 0800 764 766

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon – Fri

2. Hazards Identification

- 2.1 Classification:**
Hazardous according to NZ HSNO Regulations.
Not regulated under NZS 5433 for land transport.
- 2.2 Risk/Safety Phrases:**
R43; R36/38; R51/53
S28; S61; S24/25; S37/39
- 2.3 Substance Classification:**
6.3A, 6.4A, 6.5A, 6.5B, 9.1B
- 2.4 Hazard Statement:**
Causes skin irritation.
Causes eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause allergic skin reaction.
Toxic to aquatic life with long lasting effects.

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

This product is a preparation.

3.2 Hazardous Ingredients:

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION
25068-38-6	Bisphenol A/Epichlorohydrin Resin	20-40%	R43; R36/38; R51/53
141-78-6	Ethyl acetate	<0.8%	R11; R36; R66; R67
1330-20-7	Xylene	<0.5%	R10; R20/21; R36/38

3.3 Only ingredients, additives and impurities which are classified and contribute to the classification of the product are included in this section.

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

Remove person to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

4.2 After Skin Contact:

Wipe excess material from exposed area. Flush exposed skin with water and follow by washing with soap if available. If irritation develops, seek medical advice.

4.3 After Eye Contact:

Flush with water for at least 15 minutes, while holding eyelid open. Rest eyes for 30 minutes. If redness, burning, blurred vision or swelling persists, consult a doctor.

4.4 After Ingestion:

Do not induce vomiting. Have victim rinse out mouth with water, and then drink sips of water to remove taste from mouth. In general, no treatment is necessary unless large quantities of product are ingested. Get medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

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

Use extinguishing media appropriate for surrounding fire.

5.2 Protective Equipment:

Wear self contained breathing apparatus and protective suit.

5.3 Specific Hazards:

Material will not burn unless preheated.

**5.4 Combustion Products:**

May be toxic if inhaled. Consists of Carbon dioxide, smoke and in the case of incomplete combustion, Carbon monoxide.

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

- 6.1.1 Use personal protective equipment.
- 6.1.2 Keep people away from and upwind of spill/leak.
- 6.1.3 Material can create slippery conditions.
- 6.1.4 Contain spills immediately with inert materials (eg. sand, earth etc.)
- 6.1.5 Transfer liquids and solid diking material to suitable containers for recovery or disposal.
- 6.1.6 Keep spills and cleaning run off from entering sewers, drains and open bodies of water.

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

- 7.1.1 Avoid contact with eyes, skin and clothing.
- 7.1.2 Avoid prolonged or repeated contact with skin, eyes and clothing.
- 7.1.3 Keep containers tightly closed when not in use.
- 7.1.4 Do not breathe vapours, mist or gas.
- 7.1.5 Wash hands thoroughly after handling.
- 7.1.6 Launder contaminated clothing before reuse.

7.2 Storage:

- 7.2.1 Store in a cool, dry, well ventilated space.
- 7.2.2 Keep containers tightly closed at all times.
- 7.2.3 Keep away from open flames and high temperatures.

**8. Exposure Controls and Personal Protection Equipment****8.1 Exposure Limits:**

No exposure limits have been established for this product.

Xylene	Cas – 1330-20-7	TLV/TWA (ACGIH):	100ppm (434mg/m ³)
		STEL (ACGIH):	150ppm (651mg/m ³)

8.2 Exposure Controls:**8.2.1 Exposure Controls in the Work Place:**

Use only in areas provided with appropriate exhaust ventilation.

8.2.2 Personal Protection Equipment:

Respiratory Protection – Not generally required. Use certified respiratory protection when respiratory risk cannot be avoided, particularly when spraying.

Hand Protection – Chemically resistant gloves.

Eye Protection – Goggles or safety glasses with side shields compatible with any respiratory equipment employed.

Body Protection - Use suitable protective clothing.

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

Physical State/Form	Liquid
Colour	Various colours
Odour	Epoxy resin
Flash Point	>110 (PMCC)
Water Solubility/Miscibility	Negligible
Specific Gravity	1.96
VOC	24 g/l

10. Stability and Reaction**10.1 General Information:**

This product is stable and no hazardous reactions are known.

10.2 Conditions to Avoid:

Avoid high temperatures.

10.3 Material to Avoid:

Acids, bases, oxidizing agents, amines, polymerization initiators.

10.4 Hazardous Decomposition Products:

None expected when material properly handled and stored. For thermal decomposition see Section 5.

**11. Toxicological Information****11.1 General Information:**

No specific data is available for this material.

11.2 Skin Contact:

May be irritating to the skin. Prolonged or repeated contact to the skin may cause skin sensitization.

11.3 Eye Contact:

May be irritating to the eyes.

11.4 Ingestion:

May cause slight gastric irritation.

11.5 Inhalation:

Inhalation may cause a slight irritation to the respiratory tract.

12. Ecological Information**12.1 Environment Protection:**

Prevent from entering sewers, drains and waterways.

12.2 Ecotoxicity:

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

12.3 Persistence and degradability:

No data available.

12.4 Bioaccumulative Potential:

No data available.

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.

14. Transport Information**14.1 Land Transport:**

Road: Not regulated (not dangerous for transport)

Rail: Not regulated (not dangerous for transport)

14.2 Sea Transport: (IMO/IMDG): Not regulated.

**14.4 Postal and Courier Service:** Is Permitted.**15. Regulatory Information****15.1 Group Standard:**

HSR 002670 Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006.

15.2 Approved Handler:

Not required.

15.3 'R' Phrases:**R43** May cause sensitization by skin contact.**R36/38** Irritating to eyes and skin.**R51/53** Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.**15.4 'S' Phrases:****S28** After contact with skin, wash immediately with plenty of soap and water.**S61** Avoid release to the environment. Refer to special instructions/SDS's.**S24/25** Avoid contact with skin and eyes.**S37/39** Wear suitable gloves and eye /face protection.**16. Further Information****16.1 Date of Preparation:**

9-7-10

16.2 Full Text of remaining R-Phrases in Section 2 and/or 3:**R10** Flammable**R11** Highly flammable**R36** Irritating to eyes**R66** Repeated exposure may cause skin dryness or cracking**R62** Vapours may cause drowsiness and dizziness**R20/21** Harmful by inhalation and in contact with skin

16.3 The information contained in this Data Sheet relates only to the specific material identified. Equus Industries Ltd believes the information to be accurate and reliable as at the date of this Data Sheet. No Warranty, Guarantee or representation is expressed or implied by the Company as to the absolute correctness or completeness of any representation contained in this Data and assumes no legal responsibility in connection therewith. It can not be assumed that all acceptable safety measures are contained in this Data Sheet, or that additional measures may not be required under particular or exceptional circumstances or conditions.