

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 high-build self-levelling interior flooring.
- 1.3 **SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
Email: admin@equus.co.nz
- 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

- 1.5 **Date of Preparation:** 15 June 2023

2. Hazards Identification

- 2.1 **Statement of Hazardous Nature:**
Classified as hazardous according to New Zealand Hazardous Substances (Minimum degrees of hazard) Regulations 2020.
- 2.2 **DG Status:**
Not classified as a Dangerous Goods under NZ5433:2012
Transport of Dangerous Goods on Land
- 2.3 **Hazard Classification:**

Class and GHS Classification		Hazard Statement
Skin Corrosion/Irritation	Cat 3	H316- Causes mild skin irritation.
Serious Eye Damage/Eye Irritation	Cat 2	H320- Causes eye irritation.
Skin Sensitisation	Cat 1	H317- May cause an allergic skin reaction.
STOT (Repeated exposure)	Cat 2	H373- May cause damage to organs through prolonged or repeated exposure
Aquatic Toxicity (Chronic)	Cat 2	H411- Toxic to aquatic life with long lasting effects.

- 2.4 **Signal Word and Pictograms:**
Warning



2.5 Prevention Statements:

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of workplace.
 P273 Avoid release into the environment (sewers, drains etc).
 P280 Wear protective gloves, clothing and eye protection.

2.6 Response Statements:

- P305 + P351+ P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention
 P337 + P313 If eye irritation persists: Get medical advice/attention.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P363 Wash contaminated clothing before reuse.
 P314 Get medical advice/attention if you feel unwell.
 P391 Collect spillage.

2.7 Storage Statements:

None applicable

3. Composition/Information on Ingredients**3.1 Hazardous Components:**

CAS NO.	COMPONENT	CONCENTRATION (% weight)
25068-38-6	Reaction product of epichlorohydrin and bisphenol A	30-40
26761-45-5	Glycidyl neodecanoate.	5-10
14808-60-7	Silica (crystalline – quartz)	40-45
43463-67-7	Titanium Dioxide	5-20

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/attention.

4.3 After Eye Contact:

Flush cautiously with water for several minutes, while holding eyelid open. Remove contact lenses if present and easy to do continue rinsing. If eye irritation persists or develops, seek medical advice/attention.

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:

Water spray or fog (Large fire only), foam, dry chemical or carbon dioxide.

5.2 Protective Equipment:

Wear self contained breathing apparatus, protective suit, gloves and face shield.

5.3 Specific Hazards:

Material can splatter above 100°C. Dried product can burn.

5.4 Combustion Products:

Carbon monoxide, carbon dioxide, aldehydes and acrid smoke.

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 (e.g. 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 Wash hands thoroughly after handling.

7.1.3 Keep containers tightly closed when not in use.

7.1.4 Do not breathe vapours, mist or gas.

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:

Exposure limits have not been established.

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.
Footwear - wear suitable protective footwear (AS/HES 2210)

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 above 300°C. Potential violent decomposition can occur above 350°C

10.3 Material to Avoid:

Acids, bases, oxidising agents, amines, Polymerisation 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:**
Ecotoxicological Testing of Bisphenol A – (epiclorohydrin), reaction product.
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|----------------|--------------------------------|-------------|
| Fathead Minnow | LC50 (96hr): | 3.1mg/ℓ |
| Daphnia Magna | EC50 (48hr immobilisation): | 1.4-1.7mg/ℓ |
| Bacteria | IC50 (18hr, growth inhibition) | >42.6mg/ℓ |
- 12.3 Persistence and degradability:**
Based on OECD guidelines, Bisphenol A – (epiclorohydrin), reaction product cannot be considered to be readily biodegradable (12% biodegradation in 28 days, OECD Test 302B). However, this does not mean that the material will not degrade under environmental conditions.
- 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:**
Not regulated under NZS 5433: 2007 Transport of Dangerous Goods on Land.
- 14.2** Classified Dangerous by IATA and IMDG when carried by Air or Sea Transport.

UN Number: 3082
Proper Shipping Name: Environmentally Hazardous Substance, Liquid: NOS
Class: 9
Packing Group: III
Hazchem Code: 3Z

15. Regulatory Information

- 15.1 HSNO Approval:**
Approved Code: HSR002670
HSNO Group Standard: Surface Coatings and colourants (Subsidiary Hazard)

15.2 HSNO Controls:
Approved Handler: Not required.

16. Other Information

16.1 Class and GHS Classification:
Skin Corrosion/Irritation Cat 3
Serious Eye Damage/Eye Irritation Cat 2
Skin Sensitisation Cat 1
STOT (Repeated exposure) Cat 2
Aquatic Toxicity (Chronic) Cat 2

16.2 Abbreviations/Terminology:
HSNO Hazardous substances and New Organisms Act
CAS Chemical Abstract Service
LD50, LC50 Lethal dose/Lethal Concentration – Dose or concentration required to produce the specified effect in 50% of the sample studied.
EC50 Half maximal effective concentration.
IC50 Half maximal concentration inhibiting a specific biological or biochemical fraction.

16.3 Issue Information:

Date of Preparation: 15 June 2023
Reasons: Update and format change
Replaces: 26 August 2015

16.4 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.