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MATERIAL SAFETY DATA SHEET

MSDS 351

PAGE 1 OF 7

1. Product and Company Identification

- 1.1 PRODUCT NAME:** TRAXX CS
- 1.2 USE OF PRODUCT** An elastomeric liquid applied membrane for interior and exterior use.
- 1.3 SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
Fax: +64 3 578 0919
- 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:**
Dangerous Goods – classification according to New Zealand Dangerous Goods Code.
- 2.2 Risk/Safety Phrases:**
R20,36,37,38,42,43
S23,36,37,45

The full text of each R & S phrases are listed in Section 16.

3. Composition/Information on Ingredients

- 3.1 Chemical Characterization (Preparation):**
This product is a preparation.



3.2 Hazardous Ingredients:

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION
-	Polyisocyanate prepolymer	60-80%	R20/36/37/38/42/43
1330-20-7	Xylene	<5.0%	R10/20/21/38
4083-64-1	4-toluene-sulfonyl-isocyanate	<1.0%	R14/36/37/38/42

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:

Move to fresh air. Give oxygen or artificial respiration as needed. Obtain medical attention immediately. Prompt action is essential.

4.2 After Skin Contact:

Remove contaminated clothing. Wash thoroughly with soap and water. Flush with lukewarm water for 15 minutes. If sticky, use waterless cleaner first. Seek medical attention if discomfort persists.

4.3 After Eye Contact:

Immediately flush eyes with large amounts of clean low pressure water for at least 15 minutes, occasionally lifting the upper and lower lids. If pain persists, obtain medical attention promptly.

4.4 After Ingestion:

If large quantities swallowed, give lukewarm water (500 ml) if victim completely conscious and alert. Do not induce vomiting. Risk of damage to lungs exceeds poison risk. Obtain medical attention immediately.

4.5 Advice to Doctor:

Symptoms and findings:

4.5.1 Oral:

Gastrointestinal discomfort, nausea, vomiting, lethargy or diarrhea. Treatment should be directed at the control of symptoms and the clinical condition of the patient.

4.5.2 Inhalation:

Prolonged over exposure to either vapour or mist can cause coughing, shortness of breath, dizziness and drunkenness.

5. Fire Fighting Measures

5.1 Suitable Extinguishing Media:

Use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

5.2 Protective Equipment:



Use positive pressure self-contained breathing apparatus and wear full body protective clothing.

5.3 Specific Hazards:

Keep away from heat and flames. When heated above flashpoint releases flammable vapours.

5.4 Combustion Products:

Carbon monoxide, carbon dioxide, fumes and smoke. May also release oxides of nitrogen and hydrogen cyanide.

5.5 Precaution in Connection with Fire:

When exposed to ignition source, vapours can burn in open or explode if confined. Vapours may travel along ground before igniting and flash back to vapour source. Fight fire from a safe distance. Heat may build enough pressure to rupture closed containers. Use water spray/fog for cooling. Avoid frothing/steam explosion. Burning liquid may float on water.

6. Accidental Release Measures

6.1 Preliminary Action and Precautions:

6.1.1 Extinguish or remove all sources of ignition.

6.1.2 Wear appropriate protective equipment to protect eyes, skin and to avoid inhalation of gases, vapours or aerosols.

6.1.3 Clear area of all unprotected personnel.

6.1.4 If safe to do so, shut off sources of leak.

6.1.5 Avoid spill/leak from entering sewers, storm water drains and open bodies of water by containing the spill/leak with wet sand or earth.

6.1.6 Recover free liquid, then apply absorbent material (sand, earth, sawdust etc) to spill area.

6.1.7 Place spent absorbent into suitable sealable container, properly labelled.

6.1.8 Store away from heat source, sparks and naked flames ready for disposal.

7. Handling and Storage

7.1 Handling:

7.1.1 Ensure adequate ventilation at all times.

7.1.2 Avoid contact with eyes, skin and clothing.

7.1.3 Avoid inhaling vapours or mist.

7.1.4 Wash hands thoroughly after handling, especially before eating, drinking, smoking or using the toilet.

7.1.5 Use only non-sparking tools.



VOC

155 g/l

MSDS TRAXX CS
PAGE 5 OF 7



10. Stability and Reaction

10.1 General Information:

This material is stable when properly handled and stored. No hazardous reactions are known.

10.2 Conditions to Avoid:

Extended contact with air or oxygen. Heat, sparks, open flame and other ignition sources, and oxidizing conditions.

10.3 Material to Avoid:

Strong oxidizing agents. Moisture and humidity. May react with oxygen to form peroxides.

10.3 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 toxicity data is available for this product.

11.2 Skin Contact:

Repeated or prolonged skin contact may cause dehydration, and defatting. Symptoms include redness, and/or dryness of skin.

11.3 Eye Contact:

Will cause eye discomfort, but will not injure eye tissue.

11.4 Ingestion:

Minimal toxicity. After swallowing, some drops of liquid can enter the lungs (aspiration), which may cause pneumonia.

11.5 Inhalation:

Irritating to the respiratory system. Symptoms include headache, dizziness, coughing.

11.6 Chronic effects:

Dermatitis may be caused by prolonged exposure to skin. Respiratory disorders may be aggravated by repeated or prolonged inhalation. Repeated and/or prolonged exposure may cause sensitization to skin and by inhalation.

12. Ecological Information

12.1 Environment Protection:

Prevent product from entering drains, sewers and waterways.

12.2 Ecotoxicity:

Data not available.

12.3 Persistence and degradability:

Data not available.



12.4 Bioaccumulative Potential:

Data not available.

13. Disposal Consideration

13.1 Material

Dispose of according to regulations 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: Flammable liquid. (Class: 3 , GP III, HAZ CHEM 3Y)

Rail: Flammable liquid. (Class: 3 , GP III, HAZ CHEM 3Y)

14.2 Sea Transport: Flammable liquid. (Class:3.3 , GP III, HAZ CHEM 3Y)

14.3 Air Transport: Flammable liquid. (Class: 3 , GP III, HAZ CHEM 3Y)

14.4 Postal and Courier Service: This product cannot be transported.

15. Regulatory Information

This product is hazardous and flammable.

16. Other Information

16.1 Full Text of R-Phrases Contained in Section 2:

R20 Harmful by inhalation
R36/37/38 Irritating to the eyes, respiratory system and skin
R42/43 May cause sensitization by inhalation and skin contact

16.2 Full Text of S-Phrases Contained in Section 2:

S23 Do not breath gas/fumes/vapour/spray
S36/37 Wear suitable protective clothing and gloves
S45 In case of accident or if you feel unwell, seek medical advice immediately.

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.