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MATERIAL SAFETY DATA SHEET

MSDS 405

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1. Product and Company Identification

- 1.1 PRODUCT NAME:** TRAXX SOLVENT SEALER
- 1.2 USE OF PRODUCT** A clear solution acrylic sealer for use on mineral substrates.
- 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 Hazard Classification:**
Dangerous Goods - Classification according to New Zealand Dangerous Good Code.
- 2.2 Risk/Safety Phrases:**
R10,21,22,36,37,38
S16

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
1330-20-7	Xylene	20-40%	R10/21/22/36/37/38
64742-95-5	Aromatic Petroleum Solvent	20-40%	R10/21/22/36/37/38



- 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:**
Move to fresh air. If breathing difficulties persist, seek medical attention immediately.
- 4.2 **After Skin Contact:**
Remove contaminated clothing. Wash gently but thoroughly with water and non-abrasive soap. If skin irritation persists, seek medical advice. Discard or wash contaminated clothing before reuse.
- 4.3 **After Eye Contact:**
Rinse immediately with copious amounts of water for at least 15 minutes, while holding eyelids open. Take care not to rinse contaminated water into unaffected eye. Seek medical attention.
- 4.4 **After Ingestion:**
Do not induce vomiting. Seek medical attention.
- 4.5 **Advice to Doctor:**
Symptoms and findings:
- 4.5.1 **Oral:**
Gastrointestinal irritation, nausea, vomiting and cramping. CNS depression ranging from mild headache to anaesthesia and coma. Pulmonary irritation secondary to exhalation of solvent. Lavage with cuffed tube if large quantity ingested. Aspiration is the main danger. Enforce bed rest and observe carefully. Prophylactic antibiotics useful. Observe for 24 hours for chemical pneumonitis. Longer term medical surveillance may be necessary. Maintain airway and vital functions. Avoid sympathomimetic amines.
- 4.5.2 **Inhalation:**
CNS depression characterized by headaches and dizziness.

5. Fire Fighting Measures

- 5.1 **Suitable Extinguishing Media:**
Use dry chemical, foam or carbon dioxide.
- 5.2 **Protective Equipment:**
Suitable self contained breathing apparatus and wear full body protective clothing.
- 5.3 **Specific Hazards:**
Keep away from heat and flames. Prevent static discharge.
- 5.4 **Combustion Products:**
Carbon monoxide, Carbon Dioxide, fumes and smoke.
- 5.5 **Precautions in connection with Fire:**
Use water spray to keep fire exposed containers cool and to protect personnel.



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 and 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 stormwater drains, sewers and open bodies of water by containing the spill/leak with 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 labeled.
- 6.1.8 Store away from naked flames, sparks or any heat source, ready for disposal.

7. Handling and Storage

7.1 Handling:

- 7.1.1 Always provide adequate ventilation.
- 7.1.2 Avoid contact with eyes, skin and clothing.
- 7.1.3 Avoid breathing vapours or mist.
- 7.1.4 Wash hands thoroughly after handling, especially before eating, drinking, smoking or using the toilet.
- 7.1.5 Take precautions against static electricity discharges.

7.2 Storage:

- 7.2.1 Store in a cool, well ventilated space.
- 7.2.2 Store away from excessive heat, naked flames and sparks.
- 7.2.3 Keep containers tightly closed at all times.
- 7.2.4 Store away from strong oxidizing agents.



8. Exposure Controls and Personal Protection Equipment

8.1 Exposure Limits:

Xylene	Cas – 1330-20-7	TLV/TWA (ACGIH): 100ppm (434mg/m ³) STEL (ACGIH): 150ppm (651mg/m ³)
Aromatic Petroleum Solvent	Cas – 64742-95-5	TLV/TWA (ACGIH): 19ppm (100mg/m ³)

8.2 Exposure Controls:

8.2.1 Exposure Controls in the Work Place:

Ensure adequate ventilation at all times to maintain exposure levels below exposure limits set for the solvents.

8.2.2 Personal Protection Equipment:

Respiratory Protection – Use Approved respirator with replaceable organic vapour filter.

Reference should be made to Australian standards AS/HZS 1715. Use and maintenance of respiratory protection devices and AS/HZS 1716 Respiratory Protection Devices, in order to make any necessary changes for individual circumstances.

Hand Protection – Use PVC, neoprene or nitril-rubber gloves.

Eye Protection – Use protective goggles.

Body Protection – Long sleeved overalls.

9. Physical and Chemical Properties

9.1	General Information:	(* For Xylene)
	Physical State/Form	Liquid
	Colour	Clear
	Odour	Acrylic
	Flash Point	*27 ⁰ C (closed cup)
	Water Solubility/Miscibility	*Negligible
	Specific Gravity	0.925 – 0.960
	Boiling Point	*139 ⁰ C
	Vapour Pressure	*68 (20 ⁰ C)
	Vapour Density	*3.6
	VOC	306 g/l

10. Stability and Reaction

10.1 General Information:

This product is chemically stable and if stored and handled in accordance with good industrial practice, no hazardous reactions are known.

10.2 Conditions to Avoid:

Open flames, sparks and heat.

10.3 Material to Avoid:

Strong oxidizing agents, halogens (e.g. liquid chlorine, sodium hypochlorite).



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 toxicity data is available for this product.

11.2 Skin Contact:

Mild irritation may be experienced with skin contact.

11.3 Eye Contact:

Irritation in the form of stinging, redness and tear formation may be experienced.

11.4 Ingestion:

Irritation may be experienced. Small amounts of the liquid drawn into the respiratory system during ingestion, or from any resultant vomiting may cause pulmonary edema or bronchiopneumonia.

11.5 Inhalation:

The respiratory tract can experience irritation by the drawing in of high vapour concentrates. This can cause symptoms including headaches and dizziness, and possibly have other central nervous system effects.

11.6 Chronic Effects:

Dermatitis may be caused by prolonged exposure to skin. Existing respiratory disorders may be aggravated by repeated or prolonged inhalation, which could also cause liver and kidney damage.

12. Ecological Information

12.1 Environment Protection:

Prevent from entering sewers, drains and waterways.

12.2 Ecotoxicity:

Not available.

12.3 Persistence and degradability:

Not available.

12.4 Bioaccumulative Potential:

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 3W)

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

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

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

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:

R10 Flammable
R21/22 Harmful if in contact with skin and if swallowed
R36/37/38 Irritating to the eyes, respiratory system and skin

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

S16 Keep away from sources of ignition – no smoking

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.