

1. Product and Company Identification

- 1.1 PRODUCT NAME:** TRAXX 2000 WEARCOAT SHS (UNIT A)
- 1.2 USE OF PRODUCT** When mixed with the (unit B) it produces a flexible high performance long life decorative finish for exterior or interior 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
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:** 4 December 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 HSNO Group Standard:**
Surface Coatings and Colourants (Flammable)
- 2.3 GHS Substance Classification:**

Classification GHS	Category
Flammable liquids	Cat 3
Acute toxicity – skin	Cat 5
Skin corrosion/irritation	Cat 2
Serious eye damage/eye irritation	Cat 2
Skin sensitisation	Cat 1
Reproductive toxicity	Cat 2
Specific target organ systemic toxicity (repeated exposure)	Cat 2
Aquatic toxicity (chronic)	Cat 2

- 2.4**



**2.5 Hazard Statements:**

- H224 Flammable liquid and vapour.
- H333 May be harmful if inhaled.
- H303 May be harmful if swallowed.
- H313 May be harmful in contact with skin.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

2.6 Prevention Statements:

- P102 Keep out of reach of children.
- P103 Read label before use.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from open flames sparks. No smoking.
- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical mixing equipment.

- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe vapours or sprays.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink, or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection.
- P281 Use personal protective equipment as required.
- P284 Wear a respirator and in conditions of poor ventilation, a mask and remote air supply.

2.7 Response Statements:

- P101 If medical advice is needed, have product container or label at hand.
- P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P370 + P378 In case of fire use water fog, carbon dioxide, dry chemical or foam for extinction.
- P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- 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.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P308 + 313 IF exposed or concerned: Get medical advice/attention.
- P314 Get medical advice/attention if you feel unwell.

2.8 Storage Statements:

- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

**3. Composition/Information on Ingredients****3.1**

CAS NO.	COMPONENT	CONCENTRATION (% Weight)
Not Known	Polyester Resin	15-20
108-65-6	1-methoxy-2-propanol acetate	10-15
64742-95-6	Solvent Naphtha 100	<5
123-86-4	Butyl Acetate	<5
1330-20-7	Xylene	<17
Not Known	UV Absorber Addition	<1
77-58-7	Dibutyl Tin Dilaurate	0.1
Not Known	Polyamine admide salt	0.2

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

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If required, artificial respiration or administration of oxygen can be performed by trained personnel. If symptoms persist, seek medical attention.

4.2 After Skin Contact:

Remove/take off all contaminated clothing. Wash area of contact thoroughly with plenty of soap and water. If irritation, rash or other disorders develop, seek medical attention immediately. Wash contaminated clothing before re-use.

4.3 After Eye Contact:

Rinse cautiously with water for at least 15 minutes while holding eye lids apart. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice/attention.

4.4 After Ingestion:

Immediately call Poison Centre or Doctor/Physician.
DO NOT induce the patient to vomit.

4.5 General:

Get immediate medical attention for any significant over exposure.

4.6 Advice to Doctor:

Treat symptomatically.

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

If water fog is ineffective, use carbon dioxide, dry chemical or foam.

5.2 Protective Equipment:

Use accepted firefighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimise pressure build-up. DO NOT allow contaminated extinguishing water to enter the soil, storm water drains or sewers.

5.3 Specific Hazards:

Product may ignite if heated in excess of its flashpoint. Closed container may burst when exposed to extreme heat. Empty containers may contain ignitable vapours. Vapours may travel to sources of ignition and flash back.

**5.4 Combustion Products:**

Carbon monoxide, carbon dioxide, can form. Smoke, fumes

5.5 Fire and Explosion Conditions:

Product may ignite if heated in excess of its flashpoint.

Vapours may travel to source of ignition and flashback.

Closed container may burst when exposed to extreme heat.

Empty containers may contain ignitable vapours.

5.6 Additional Information:

Flashpoint = 32°C (Closed Cup) Hazchem Code 3[Y].

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

6.1.1 Eliminate very possible source of ignition.

6.1.2 Evacuate all personnel immediately and ventilate area.

6.1.3 Avoid breathing vapour and contact with skin, eyes and clothing.

6.1.4 Wear recommended personal protective equipment.

6.1.5 Shut off leaks if possible without risk.

6.1.6 Dike in the spilled product as much as possible with inert material.

6.1.7 Prevent entry of product into sewers, storm water drains and open bodies of water.

6.1.8 Clean up all spills as soon as possible, using an inert absorbed material and dispose of as hazardous waste.

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

7.1.1 Prevent inhalation of vapour, ingestion and contact with skin, eyes and clothing.

7.1.2 Wear overalls, impervious gloves and safety glasses

7.1.3 Keep container closed when not in use. Precautions also apply to emptied containers.

7.1.4 Change soiled work clothing frequently.

7.1.5 Clean hands thoroughly after handling.

7.1.6 Do not smoke, weld, generate sparks, or use flame near container.

7.1.7 To prevent generation of static discharges, use bonding/grounding connection when pouring liquid.

7.1.8 Extinguish all ignition sources including pilot lights, and do not use non-explosion proof motors and electrical equipment until vapours dissipate.

**7.2 Storage:**

- 7.2.1 Store under dry warehouse conditions, cool and well ventilated.
- 7.2.2 Store away from sources of ignition, (i.e sparks, open flames, heat etc)
- 7.2.3 Store away from strong acids, oxidizing agents, foodstuffs and clothing.
- 7.2.4 Keep containers tightly closed at all times.

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

CHEMICAL NAME	CAS NUMBER	REGULATION	LIMIT
Butyl Acetate	123-86-4	WES / TWA	150ppm (713mg/m ³)
		WES / STEL	200ppm (950mg/m ³)
Xylene	1330-20-7	WES / TWA	50ppm (217mg/m ³)
1-Methoxy – 2 – propanol acetate	108-65-6		Non established
Solvent Naphtha 100	64742-95-6	ACGIH / TWA	20ppm (100mg/m ³)
		ACGIH / TWA	50ppm (250mg/m ³)

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

Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general, ventilation is inadequate.

8.2.2 Personal Protection Equipment:Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australia/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australia/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. References should be made to AS/NZS 2161.1: Occupational protective gloves – Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial Clothing

**9. Physical and Chemical Properties**

9.1 General Information:	
Physical State/Form	Liquid
Colour	Coloured
Odour	Solvent
Odour Threshold	Not established
pH	Not applicable
Boiling Point	100-200°C
Flash Point	32°C (closed cup)
Evaporation Rate	Not established
Flammability (solid,gas)	Not applicable
Burning Number	Not applicable
Vapour Pressure	Not established
Vapour Pressured ingredients:	
Xylene isomers mixture	ca 7-9hPa at 20°C
2-methoxy-1-methylethyl acetate	5haPa at 20°C
Butyl Acetate	11.2hPa at 20°C
Specific Gravity	ca 1.2
Miscibility with Water	Moderately soluble
Water Solubility of ingredients:	
2-methoxy-1-methylethyl acetate	ca 200g/l at 20°C
Butyl Acetate	5.3g/litre at 20°C
Surface Tension	Not established
Partition co-efficient (n-octanol / water)	Not established
Auto ignition temperature	Not established
Ignition temperature	Not established
Decomposition temperature	Not established
Viscosity, Dynamic	Not established
Explosive Properties	Not established
Dust explosion class	Not applicable
Oxidising Properties	Not established

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.
- 10.4 Hazardous Polymerisation:**
Will not occur under normal conditions.

**11. Toxicological Information****11.1 Health Effects/Symptoms of Exposure:**

Vapour and/or mist may irritate nose and throat. Leave area to breathe fresh air. Avoid further over exposure. If symptoms persist, seek medical attention.

11.2 Toxicological Data on Components:

Xylene isomers mixture:		CAS No. 1330-20-2
Oral LD50 Rat:	3523-8700mg/kg	
Inhalation: LC50 Rat:	29.49 mg/ℓ, 4h	
Skin:	Irritating	
2-Methoxy-1-methylethyl acetate		CAS No. 108-65-6
Oral LD50 Rat:	8532 mg/kg	
Inhalation: LC50 Rat:	23.8 mg/ℓ, 6h	
Skin: Rabbit	Non Irritating	
Butyl Acetate		CAS No. 123-86-4
Oral LD50 Rat:	10,700-14,130mg/kg	
Inhalation: LC50 Rat:	>21.0 mg/ℓ, 4h	
Skin: LD50 Rabbit:	17,600mg/kg	

11.3 Skin Contact:

May cause sensitization resulting in irritation, itching and redness.

11.4 Eye Contact:

Vapours and/or mist may cause eye irritation.

11.5 Ingestion:

May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea and vomiting.

11.6 May cause drowsiness, weakness, and fatigue. Vapour and/or mist may irritate nose and throat. May cause moderate irritation to the respiratory system. May cause allergic respiratory sensitization.

11.7 Chronic Effects:

Unless suitable engineering controls and/or personal protective equipment is used:

- Repeated over-exposure to vapour may lead to asthma and sensitization or damage to the respiratory system
- Repeated unprotected physical contact with the material may cause defatting of the skin leaving it vulnerable to irritation, dermatitis and/or sensitization.
- Prolonged over exposure to vapour and/or unprotected physical contact may lead to internal organ sensitization and/or damage. The central nervous system may also be affected.

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

Prevent from entering drains, sewers and waterways.

May cause long lasting harmful effects to aquatic life.

**12.2 Ecotoxicity:**

For Xylene:

Oncorhynchus mykiss (Rainbow Trout):	EC50(96hr) 3.3 mg/ℓ
Palaemonetes pugio (Daggerblade Grass Shrimp):	EC50(72hr) 8.5 mg/ℓ
Skeletonema costatum (Algae):	EC50(72hr) 10.0 mg/ℓ

For 2-methoxy-1-methylethyl acetate:

Oncorhynchus mykiss (Rainbow Trout):	LC50(96hr) 161mg/ℓ
Daphnia magna (Water Flea):	EC50(48hr)>500mg/ℓ

For Butyl Acetate:

Lepomis macrochirus (Bluegill):	LC50(96hr) 100mg/ℓ
Daphnia magna (Water Flea):	EC50(24hr) 72.8-205.0mg/ℓ

12.3 Persistence and degradability:

Data not available.

12.4 Bioaccumulative Potential:

Data not available.

13. Disposal Consideration**13.1 Disposal Methods**

Subject to hazardous waste treatment, storage and disposal requirements. Recycle or incinerate waste at approved facility or dispose of in compliance with national/regional/local, waste disposal regulations. DO NOT EMPTY INTO DRAINS, SEWERS OR WATERWAYS.

14. Transport Information**14.1 Classified as dangerous goods under NZS: 5433:2007 Transport of Dangerous Goods on Land:**

UN Number:	1263
Proper Shipping Name:	Paint Related
Class:	3
Packing Group:	III
Hazchem Code :	3Y

15. Regulatory Information**15.1 HSNO Approval:**

Approval Code:	HSR 002662
HSNO Group Standard 2020:	Surface Coatings and Colourants (Flammable)

15.2 HSNO Controls:

Approved Handler	Not Required
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**16. Other Information****16.1 Issue Information:**

Date of Preparation:	4 December 2023
Reasons:	Update and format change
Replaces:	30 January 2018

16.2 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.