



## SAFETY DATA SHEET

SDS 215

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### 1. Product and Company Identification

- 1.1 PRODUCT NAME:** TRAXX 2KFG TOPCOAT (UNIT A)
- 1.2 USE OF PRODUCT** When mixed with the (unit B) it produces a high-performance long-life chemical and weather resistant 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](mailto: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:** 16 February 2023

### 2. Hazards Identification

- 2.1 Classification:**  
HSNO Status :Classified as hazardous according to New Zealand Hazardous substances (minimum degrees of hazard) Regulations 2020.
- 2.2 DG Status:**  
Classified as Dangerous Goods according to NZS 5433
- 2.3 Hazard Classification:**

GHS CLASS & CATEGORY		HAZARD STATEMENTS
Flammable Liquid	Cat 3	H226 - Flammable liquid and vapour.
Aspiration Hazard	Cat 1	H304 - May be fatal if swallowed and enters airways.
Acute Toxicity (Dermal)	Cat 4	H312 - Harmful in contact with skin
Acute Toxicity (Vapour)	Cat 4	H332 - Harmful if inhaled
Skin Sensitisation	Cat 1	H317 - May cause an allergic skin reaction
Respiratory Sensitisation	Cat 1	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
Specific target organ toxicity - Repeated Exposure	Cat 2	H373 - May cause damage to organs through prolonged or repeated exposure
Reproductive Toxicity	Cat 2	H361 - Suspected of damaging fertility or the unborn child
Hazardous to the aquatic environment (Chronic)	Cat 1	H410 - Very toxic to aquatic life with long lasting effects

**Pictograms:**



**Signal Word: Warning**

**2.4 Prevention Statements**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical/ventilating/lighting.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace
- P273 Avoid release to the environment.
- P281 Use personal protective equipment as required.
- P285 In case of inadequate ventilation wear respiratory protection

**2.5 Response Statements**

- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370+378 In case of fire: Use carbon dioxide, foam dry powder or water spray on large fires for extinction
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P363 Wash contaminated clothing before reuse
- P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- P331 Do NOT induce vomiting.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention
- P304+P341 IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- P308+P313 IF exposed or concerned: Get medical advice/ attention.
- P391 Collect spillage

**2.6 Storage Statements:**

- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P403+233 Store in a well-ventilated place. Keep container tightly closed.

**2.7 Disposal Statement:**

Dispose of contents / container in accordance with local and national regulations.

**3. Composition/Information on Ingredients**

**3.1**

CAS NO'	COMPONENT	CONCENTRATION %WEIGHT	CLASSIFICATION			
41556-26-7	Bis (1,2,2,6-pentamethyl-4-piperidyl) sebacate	0.4	Skin sensitisation	Cat 1	H317	May cause an allergic skin reaction.
82949-3-7	Methyl 1,2,2,6-4-piperidyl-sebacate		Reproductive toxicity	Cat 2	H361	Suspected of damaging fertility or the unborn child
			Hazardous to aquatic environment (acute)	Cat 1	H400	Very toxic to aquatic life
			Hazardous to aquatic Environment (chronic)	Cat 1	H410	Very toxic to aquatic life with long lasting effects.
77-58-7	Dibutyltin diaalaurate	<0.01	Acute Tox. (oral)	Cat 5	H303	May be harmful if swallowed.
			Eye irritation	Cat 2	H320	Causes eye irritation.
			Skin sensitisation	Cat 2	H317	May cause an allergic skin reaction.
			Germ cell mutagenicity	Cat 1	H341	Suspected of causing genetic defects
			Reproductive Tox.	Cat 1	H360	May damage fertility or the unborn child
			Specific target organ Tox. (single expo)	Cat 1	H370	Causes damage to organs.
			Specific target organ Tox. (repeat expo)	Cat 1	H372	Causes damage to organs through prolonged or repeated exposure
4083-64-1	p-Toluene sulfonyl isocyanate	0.2	Acute Tox., (oral)	Cat 5	H303	May be harmful if swallowed.
			Skin Irritation	Cat 2	H315	Causes skin irritation
			Eye Irritation	Cat 2	H320	Causes eye irritation
			Respiratory sensitisation	Cat 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
108-65-6	1-methoxy-2-propanol acetate	<30	Flammable Liquid	Cat 3	H226	Flammable liquid and vapour.
1330-20-7	Xylene	<10	Flammable Liquid	Cat 3	H226	Flammable liquid and vapour.
			Aspiration Hazard	Cat 1	H304	May be fatal if swallowed and enters airways.
			Acute Tox. (dermal)	Cat 4	H312	Harmful in contact with skin.
			Acute Tox. (vapour)	Cat 4	H332	Harmful if inhaled.
			Skin irritation	Cat 2	H315	Causes skin irritation
			Eye Irritation	Cat 2	H319	Causes serious eye irritation.
			Specific target organ Tox. (single exposure)	Cat 3	H335	May cause respiratory irritation.
			Specific target organ Tox.(repeated exposure)	Cat 2	H373	May cause damage to organs through prolonged or repeated exposure.
			Hazardous to aquatic environment (chronic)	Cat 3	H412	Harmful to aquatic life with long lasting effects
-	Polyamine amine salt/xylene 50/50	0.3	Flammable Liquid	Cat 3	H226	May be harmful in contact with skin
			Skin Irritation	Cat 2	H315	Causes skin irritation
			Specific target organ Tox. (single exposure)	Cat 3	H318	Causes serious eye damage.
			Respiratory			
			Specific target organ Tox. (repeated exposure)	Cat 2	H373	May cause damage to organs through prolonged or (repeated exposure)
			Aspiration Hazard	Cat 1	H304	May be fatal if swallowed and enters airways.

14808-60-7	Silica Powder	10	Carcinogenicity Specific target organ Tox. (repeated exposure)	Cat 1 Cat 1	H350 H372	May cause cancer Causes damage to organs through prolonged or repeated exposure
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#### 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:

Wash out mouth thoroughly with water. Do not induce vomiting. Call Poison Centre or Doctor/Physician.

##### 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 chemicals, or foam.

##### 5.2 Protective Equipment:

Use accepted firefighting technique. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimize pressure build-up, and water spray to disperse vapours.

##### 5.3 Specific Hazards:

Product may ignite if heated in excess of its flashpoint. Closed containers 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 and 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 the source of ignition and flashback.  
Closed containers may burst when exposed to extreme heat.  
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.
  - 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 absorbent 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 Changed 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 source 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
Xylene	1330-20-7	WES / TWA	50ppm (217mg/m <sup>3</sup> )
1-Methoxy – 2 – propanol acetate	108-65-6		Non established

**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 -      Wear appropriate, properly fitted NIOSH/MSHA, approved respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the SDS. Select positive pressure supplied air respirator for isocyanates, (TC 19c or equivalent).
  
- Hand Protection -            Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.
  
- Eye Protection -             Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
  
- Skin / Body Protection -      Wear suitable protective clothing eg long sleeved cotton overalls
  
- Protective Measure -         Use professional judgment in the selection, care, and use.

**9. Physical and Chemical Properties**

**9.1 Information on basic physical and chemical properties:**

<b>Physical State/Form</b>	Liquid
<b>Colour</b>	Various
<b>Odour</b>	Fruity/Solvent
<b>Odour Threshold</b>	Not established
<b>pH</b>	Not applicable
<b>Boiling Point</b>	100-200°C
<b>Flash Point</b>	32°C (closed cup)
<b>Evaporation Rate</b>	Not established
<b>Flammability (solid,gas)</b>	Not applicable
<b>Burning Number</b>	Not applicable
<b>Vapour Pressure</b>	Not established
<b>Vapour Pressured ingredients:</b>	
<b>Xylene isomers mixture</b>	ca 7- 9hPa at 20°C
<b>2-methoxy-1-methylethyl acetate</b>	5hPa at 20°C
<b>Specific Gravity</b>	ca1.3
<b>Miscibility with Water</b>	Moderate soluble
<b>Water Solubility of ingredients:</b>	
<b>2-methoxy-1-methylethyl acetate</b>	ca 200g/l at 20°C
<b>Surface Tension</b>	Not established
<b>Partition co-efficient (n-octanol / water)</b>	Not established
<b>Auto ignition temperature</b>	Not established
<b>Ignition temperature</b>	Not established
<b>Decomposition temperature</b>	Not established
<b>Viscosity, Dynamic</b>	Not established
<b>Explosive Properties</b>	Not established
<b>Dust explosion class</b>	Not applicable
<b>Oxidising Properties</b>	Not established

## 10. Stability and Reaction

### 10.1 General Information:

This material is stable when properly handled and stored.

### 10.2 Conditions to Avoid:

High temperatures, open flames, sparks.

### 10.3 Material to Avoid:

Strong acids and oxidising agents.

### 10.3 Hazardous Decomposition Products:

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

### 10.5 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	

### 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

**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:	Surface Coatings and Colourants (Flammable) 2020

**15.2 HSNO Controls:**

Approved Handler Not Required



**16. Other Information**

**16.1 Relevant Hazard Phrases**

H226 - Flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways.  
H312 - Harmful in contact with skin  
H332 - Harmful if inhaled  
H317 - May cause an allergic skin reaction.  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H361 - Suspected of causing cancer.  
H410 - Very toxic to aquatic life with long lasting effects.

**16.2 Abbreviations/Terminology**

**HSNO** Hazardous substances and New Organisms Act  
**CAS** Chemical Abstract Service  
**ACGIH** American Conference of Governmental Industrial Hygienists  
**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.  
**WES** Workplace Exposure Standard (NZ Ministry of Business, Innovation and Employment)  
**TWA** Time weighted average exposure level designed to protect from the effects of long-term exposure.  
**STEL** Short-term Exposure Level (15 minutes)  
**VOC** Volatile Organic Compound.

**16.3 Issue Information:**

Date of Preparation: 16 February 2023  
Reasons: New Product  
Replaces: N/A

**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 cannot 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.