

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1


Revision: 05.02.2024

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- **Product identifier**
- **Trade name: Transpoxy HB 4.73 Pack B**
- **Article number:** 473b-2
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance/preparation:** Paint
- **Details of the supplier of the safety data sheet**
- **Manufacturer/supplier:**
Transocean Coatings
Wagon Paints Australia Pty Ltd
ABN: 76 412 791 772
Street address: 5 Stephenson Road, Bayswater North
VIC, 3153 Australia
Phone: +613 9729-1344
Fax: +613 9720 2719
- **Emergency telephone number:**
- Medical Emergencies: 24 Hours
- Poisons Information Centre (Australia): 131 126
- .

2 Hazard(s) Identification

- **Classification of the substance or mixture**
Flam. Liq. 3 H226 Flammable liquid and vapour.
Acute Tox. 4 H302 Harmful if swallowed.
Acute Tox. 4 H312 Harmful in contact with skin.
Acute Tox. 4 H332 Harmful if inhaled.
Skin Corr. 1B H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.
Skin Sens. 1 H317 May cause an allergic skin reaction.
- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS02 GHS05 GHS07
- **Signal word** Danger
- **Hazard-determining components of labelling:**
Benzyl alcohol
3-aminomethyl-3,5,5-trimethylcyclohexylamine
m-phenylenebis(methylamine)

(Contd. on page 2)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 1)

xylene, mixture of isomers

• **Hazard statements**

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.

• **Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
- P260 Do not breathe dusts or mists.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER/doctor.
- P321 Specific treatment (see on this label).
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Other hazards**

• **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

• **Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

• **Dangerous components:**

100-51-6	Benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	25-50%
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	≥10-<25%
1477-55-0	m-phenylenebis(methylamine) ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Sens. 1, H317	10-25%
1330-20-7	xylene, mixture of isomers ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335	≥10-<20%
	Fatty acid derivatives ⚠ STOT RE 2, H373; ⚠ Skin Irrit. 2, H315; Eye Irritation 2A, H319	

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

AU

(Contd. on page 2)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 2)

4 First Aid Measures

- **Description of first aid measures**

- **General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

- **After swallowing:**

Call for a doctor immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire Fighting Measures

- **Extinguishing media**

· **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.

· **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**

· **Protective equipment:** Mouth respiratory protective device.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

AU

(Contd. on page 4)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 3)

7 Handling and Storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

1477-55-0 m-phenylenebis(methylamine)

WES	Peak limitation: 0.1 mg/m ³
	Sk

1330-20-7 xylene, mixture of isomers

WES	Short-term value: 655 mg/m ³ , 150 ppm
	Long-term value: 350 mg/m ³ , 80 ppm

· **DNELs**

100-51-6 Benzyl alcohol

Oral	long term DNEL	5.7 mg/kg/d (General Population) 9.5 mg/kg/d (Workers)
	Dermal	long term DNEL 29 mg/kg/d (General Population) 9.5 mg/kg/d (Workers)
Inhalative	long term DNEL	8.11 mg/m ³ (General Population) 90 mg/m ³ (Workers)
	Acute DNEL	40 mg/m ³ (General Population) 450 mg/m ³ (Workers)

2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

Oral	long term DNEL	0.526 mg/kg/d (Workers)
Inhalative	Acute DNEL	20.1 mg/m ³ (Workers)

1330-20-7 xylene, mixture of isomers

Dermal	long term DNEL	108 mg/kg/d (General Population) 180 mg/kg/d (Workers)
	Inhalative	long term DNEL 14.8 mg/m ³ (General Population) 77 mg/m ³ (Workers)

(Contd. on page 5)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 4)

· **PNECs**

2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

PNEC STP	3.18 mg/l (water treatment plant)
PNEC aqua	6 ug/l (freshwater) 0.6 ug/l (marine water)
PNEC sediment	5.784 mg/kg (freshwater)
PNEC soil	1.121 mg/kg (Soil) 0.578 mg/kg (marine water)

1330-20-7 xylene, mixture of isomers

PNEC STP	6.58 mg/l (water treatment plant)
PNEC aqua	327 ug/l (freshwater) 327 ug/l (marine water)
PNEC sediment	12.46 mg/kg (freshwater) 12.46 mg/kg (marine water)
PNEC soil	2.31 mg/kg (Soil)

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 4)

· **Eye protection:**



Tightly sealed goggles

9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Colour: According to product specification

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 137-143 °C

· **Flash point:** 25 °C

· **Flammability (solid, gas):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

Lower: 1.3 Vol %

Upper: 13 Vol %

· **Vapour pressure at 20 °C:** 0.1 hPa

· **Density:** Not determined.

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:**

Fully miscible.

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

· **Solvent content:**

VOC (EC) 480.0 g/l

(Contd. on page 7)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 6)

· **Other information** No further relevant information available.

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

100-51-6 Benzyl alcohol

Oral	LD50	1,230 mg/kg (rat)
	LC50/ 96 hr	460 mg/l (fish)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>4 mg/l (rat)

2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

Oral	LD50	930 mg/kg (rat)
	LC50/ 96 hr	110 mg/l (fish)
Dermal	LD50	>3,100 mg/kg (rat)
Inhalative	LC50/4 h	1.34 mg/l (rat)

1477-55-0 m-phenylenebis(methylamine)

Oral	LD50	1,040 mg/kg (rat)
	LC50/ 96 hr	>100 mg/l (fish)
Dermal	LD50	2,000 mg/kg (rab)
Inhalative	LC50/4 h	2.4 mg/l (rat)

1330-20-7 xylene, mixture of isomers

Oral	LD50	>2,000 mg/kg (rat)
	LC50/ 96 hr (static)	2.6 mg/l (Rainbow trout (Oncorhynchus mykiss)) (OESO 203 or equivalent)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>20 mg/l (rat)

Fatty acid derivatives

Oral	LD50	>5,000 mg/kg (rat)
------	------	--------------------

- **Primary irritant effect:**
- **Skin corrosion/irritation** Caustic effect on skin and mucous membranes.
- **Serious eye damage/irritation** Strong caustic effect.

(Contd. on page 8)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 7)

- **Respiratory or skin sensitisation** Sensitisation possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
Corrosive
Irritant
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12 Ecological Information

· **Toxicity**

· **Aquatic toxicity:**

100-51-6 Benzyl alcohol

EC50 (96 hrs)	640 mg/l (Algae)
EC 50 (48 hr)	230-400 mg/l (daphnia)

2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

EC 50 (48 hr)	23 mg/l (daphnia)
EC 50 (72 hr)	37 µg/l (Algae)

1477-55-0 m-phenylenebis(methylamine)

EC 50 (48 hr)	16 mg/l (daphnia)
EC 50 (72 hr) (dynamic)	12 µg/l (Algae)

1330-20-7 xylene, mixture of isomers

EC 50 (48 hr)	1-10 mg/l (daphnia)
EC 50 (72 hr)	1-10 µg/l (Algae)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

(Contd. on page 9)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024




Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 8)

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· UN-Number	
· ADG, IMDG, IATA	UN3470
· UN proper shipping name	
· ADG	3470 PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE, ENVIRONMENTALLY HAZARDOUS
· IMDG	PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE, MARINE POLLUTANT
· IATA	PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE
· Transport hazard class(es)	
· ADG	
	
· Class	8 Corrosive substances.
· Label	8+3
· IMDG	
	
· Class	8 Corrosive substances.
· Label	8/3
· IATA	
	
· Class	8 Corrosive substances.
· Label	8 (3)

(Contd. on page 10)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 9)

<ul style="list-style-type: none"> · Packing group · ADG, IMDG, IATA 	<p style="text-align: center;">II</p>
<ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: · Special marking (ADG): 	<p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p>
<ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Segregation groups · Stowage Category · Stowage Code 	<p>Warning: Corrosive substances.</p> <p>83</p> <p>F-E,S-C</p> <p>Alkalis</p> <p>B</p> <p>SW2 Clear of living quarters.</p>
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of Marpol and the IBC Code 	<p>Not applicable.</p>
<ul style="list-style-type: none"> · Transport/Additional information: 	
<ul style="list-style-type: none"> · ADG · Limited quantities (LQ) · Excepted quantities (EQ) 	<p>1L</p> <p>Code: E2</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 500 ml</p>
<ul style="list-style-type: none"> · Transport category · Tunnel restriction code 	<p>2</p> <p>D/E</p>
<ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) 	<p>1L</p> <p>Code: E2</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 500 ml</p>
<ul style="list-style-type: none"> · UN "Model Regulation": 	<p>UN3470 PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE, 8 (3), II, ENVIRONMENTALLY HAZARDOUS</p>

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Australian Inventory of Industrial Chemicals**

All ingredients are listed.

- **Standard for the Uniform Scheduling of Medicines and Poisons**

1330-20-7 | xylene, mixture of isomers

S6

- **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

(Contd. on page 11)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 10)

· **Hazard pictograms**



GHS02 GHS05 GHS07

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Benzyl alcohol
3-aminomethyl-3,5,5-trimethylcyclohexylamine
m-phenylenebis(methylamine)
xylene, mixture of isomers

· **Hazard statements**

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P260 Do not breathe dusts or mists.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category**

E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Contact:**

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

(Contd. on page 12)

Safety Data Sheet according to WHS Regulations

Vers.-Nr: 1

Revision: 05.02.2024

Trade name: Transpoxy HB 4.73 Pack B

(Contd. of page 11)

IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

• *** Data compared to the previous version altered.**

AU