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## Safety Data Sheet according to WHS Regulations

Vers.-Nr: 52

Revision: 23.05.2023

Hazardous according to criteria of Australian Safety and Compensation Council.

## **1 Identification**

- · Product identifier
- · Trade name: Transurethane Shield 3.45 pack B
- · Article number: 345b
- Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- Application of the substance/preparation: Hardening agent/ Curing agent Isocyanate resin 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 H332 Harmful if inhaled.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

· Label elements

- · GHS label elements
- The product is classified and labelled according to the Globally Harmonised System (GHS).
- Hazard pictograms



- · Signal word Warning
- Hazard-determining components of labelling: hexamethylene-1,6-diisocyanate polymer hexamethylene-di-isocyanate
- Hazard statements H226 Flammable liquid and vapour.

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#### Trade name: Transurethane Shield 3.45 pack B

H332 Harmful if inhaled.

(Contd. of page 1) H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. · Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position
	comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.
Other hazarde	

#### 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:		
28182-81-2	hexamethylene-1,6-diisocyanate polymer	50-100%
	Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335	
123-86-4	n-butyl acetate	2.5-10%
	🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336	
	hexamethylene-di-isocyanate	≥0.1-<0.5%
	Acute Tox. 3, H331;  Resp. Sens. 1, H334;  Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	
Additional i	nformation: For the wording of the listed bazard phrases refer to section 1	6

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

## **4 First Aid Measures**

#### Description of first aid measures

· 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.
- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed
- No further relevant information available.

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#### Trade name: Transurethane Shield 3.45 pack B

• 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: No special measures required.

#### **6 Accidental Release Measures**

- Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: 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). Ensure adequate ventilation.
- Do not flush with water or aqueous cleansing agents
- 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.

## 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.

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## Trade name: Transurethane Shield 3.45 pack B

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WESShort-term value: 950 mg/m³, 200 ppm Long-term value: 713 mg/m³, 150 ppm822-06-0 hexamethylene-di-isocyanateWESShort-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m³ Sen, as -NCODNELs28182-81-2 hexamethylene-1,6-diisocyanate polymerInhalativeIong term DNEL Acute DNEL1 mg/m3 (Workers) Acute DNEL0.5 mg/m3 (Workers)11halativeIong term DNEL Acute DNEL100g term DNEL102.34 mg/m3 (General Population) 480 mg/m3 (Workers)Acute DNEL859.7 mg/m3 (General Population) 960 mg/m3 (Workers)	123-86-4 r	n-butyl	acetate			
Long-term value: 713 mg/m³, 150 ppm         822-06-0 hexamethylene-di-isocyanate         WES       Short-term value: 0.07 mg/m³         Long-term value: 0.07 mg/m³         Sen, as -NCO         DNELs         Z3182-81-2 hexamethylene-1,6-diisocyanate polymer         Inhalative       long term DNEL         Acute DNEL       1 mg/m3 (Workers)         Acute DNEL       1 mg/m3 (Workers)         Acute DNEL       102.34 mg/m3 (General Population)         480 mg/m3 (Workers)       Acute DNEL         Acute DNEL       659.7 mg/m3 (General Population)         480 mg/m3 (Workers)       660 mg/m3 (Workers)         PNECS       28182-81-2 hexamethylene-1,6-diisocyanate polymer         PNEC Strp       100 mg/l (water treatment plant)         PNEC scala       199 ug/l (freshwater)         19.9 ug/l (marine water)       19.9 ug/l (marine water)         PNEC soil       8884 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:         Immediately remove all solied and contaminated clothing         Wash hands before breaks and at the end of work.         Resprintory protection:	WES Sho	ort-term	value: 950	) mg/m³, 200 ppm		
WES       Short-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m³ Sen, as -NCO         DNELs         28182-81-2 hexamethylene-1,6-diisocyanate polymer         Inhalative       long term DNEL       0.5 mg/m3 (Workers) Acute DNEL         1       mg/m3 (Workers)         Acute DNEL       1 mg/m3 (Workers)         123-86-4 n-butyl acetate         Inhalative       long term DNEL       102.34 mg/m3 (General Population)         480 mg/m3 (Workers)         Acute DNEL       859.7 mg/m3 (General Population)         480 mg/m3 (Workers)         PNECS         28182-81-2 hexamethylene-1,6-diisocyanate polymer         PNEC str         100 mg/l (water treatment plant)         PNEC str         28182-81-2 hexamethylene-1,6-diisocyanate polymer         PNEC str         199 ug/l (freshwater)         19.9 ug/l (marine water)         PNEC soil         8484 mg/kg (Soil)         Additional information: The lists valid during the making were used as basis.         Exposure controls         Personal protective and hygienic measures:         Immediately remove all soiled and contaminated clothing         Wash hands before breaks and at the end of work.         Respiratory protection:         In case of brief exposure or lo						
Long-term value: 0.02 mg/m³         Sen, as -NCO         DNELs         Z8182-81-2 hexamethylene-1,6-diisocyanate polymer         Inhalative       long term DNEL       0.5 mg/m3 (Workers)         Acute DNEL       1 mg/m3 (Workers)         123-86-4 n-butyl acetate	822-06-0 k	nexam	ethylene-d	li-isocyanate		
Sen, as -NCO         DNELs         28182-81-2 hexamethylene-1,6-diisocyanate polymer         Inhalative       long term DNEL       0.5 mg/m3 (Workers)         Acute DNEL       1 mg/m3 (Workers)         123-86-4 n-butyl acetate         Inhalative       long term DNEL       102.34 mg/m3 (General Population)         480 mg/m3 (Workers)       Acute DNEL       859.7 mg/m3 (General Population)         480 mg/m3 (Workers)       859.7 mg/m3 (General Population)       960 mg/m3 (Workers)         PNECs         28182-81-2 hexamethylene-1,6-diisocyanate polymer         PNEC STP         100 mg/l (water treatment plant)         PNEC sediment       4455 mg/kg (marine water)         PNEC soil         8884 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:         Immediately remove all soiled and contaminated clothing         Wash hands before breaks and at the end of work.         Response or low pollution use respiratory filter device. In case of intensive or long exposure use self-contained respi						
DNELs         28182-81-2 hexamethylene-1,6-diisocyanate polymer         Inhalative       long term DNEL       0.5 mg/m3 (Workers)         Acute DNEL       1 mg/m3 (Workers)         123-86-4 n-butyl acetate       inhalative       long term DNEL         Inhalative       long term DNEL       102.34 mg/m3 (General Population)         480 mg/m3 (Workers)       Acute DNEL       859.7 mg/m3 (General Population)         Acute DNEL       859.7 mg/m3 (General Population)         960 mg/m3 (Workers)       900 mg/m3 (Workers)         PNECs       100 mg/l (water treatment plant)         PNEC sediment       199 ug/l (freshwater)         19.9 ug/l (marine water)       90 g/l (marine water)         PNEC soil       8884 mg/kg (Soil)         Additional information: The lists valid during the making were used as basis.         Exposure controls       Personal protective equipment:         General protective equipment:       General protection:         In case of brief exposure or low pollution use respiratory filter device. In case of intensive or long 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				2 mg/m <sup>3</sup>		
28182-81-2 hexamethylene-1,6-diisocyanate polymer         Inhalative       long term DNEL       0.5 mg/m3 (Workers)         Acute DNEL       1 mg/m3 (Workers)         123-86-4 n-butyl acetate       Inhalative         Inhalative       long term DNEL       102.34 mg/m3 (General Population)         480 mg/m3 (Workers)       Acute DNEL       859.7 mg/m3 (General Population)         960 mg/m3 (Workers)       859.7 mg/m3 (General Population)         960 mg/m3 (Workers)       960 mg/m3 (Workers)         PNECs       28182-81-2 hexamethylene-1,6-diisocyanate polymer         PNEC STP       100 mg/l (water treatment plant)         PNEC aqua       199 ug/l (marine water)         PNEC sediment       44551 mg/kg (freshwater)         4455 mg/kg (marine water)       4455 mg/kg (Soii)         Additional information: The lists valid during the making were used as basis.         Exposure controls       Personal protective equipment:         General protective equipment:       General protection:         In case of brief exposure or low pollution use respiratory filter device. In case of intensive or long 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 r		i, as -iv				
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Inhalative       long term DNEL       102.34 mg/m3 (General Population)         Acute DNEL       860 mg/m3 (Workers)         PNECs       28182-81-2 hexamethylene-1,6-diisocyanate polymer         PNEC STP       100 mg/l (water treatment plant)         PNEC aqua       199 ug/l (freshwater)         19.9 ug/l (marine water)       19.9 ug/l (marine water)         PNEC soil       8884 mg/kg (freshwater)         44551 mg/kg (marine water)       4884 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:         Immediately remove all soiled and contaminated clothing         Wash hands before breaks and at the end of work.         Respiratory protection:         In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe exposure use self-contained respiratory protective device.         Protection of hands:         Image: 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/ th				1 mg/m3 (Workers)		
Acute DNEL       480 mg/m3 (Workers) 859.7 mg/m3 (General Population) 960 mg/m3 (Workers)         PNECs         28182-81-2 hexamethylene-1,6-diisocyanate polymer         PNEC STP       100 mg/l (water treatment plant)         PNEC aqua       199 ug/l (freshwater)         19.9 ug/l (marine water)         PNEC sediment       4455 mg/kg (freshwater)         4455 mg/kg (marine water)         PNEC soil       8884 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:         Immediately remove all soiled and contaminated clothing         Wash hands before breaks and at the end of work.         Respiratory protection:         In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe exposure use self-contained respiratory protective device.         Protection of hands:         Imaging 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/ th				· · · · ·		
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PNEC sediment       44551 mg/kg (freshwater)         4455 mg/kg (marine water)       8884 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:         Immediately remove all soiled and contaminated clothing         Wash hands before breaks and at the end of work.         Respiratory protection:         In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe exposure use self-contained respiratory protective device.         Protection of hands:	PNEC aqu	ia	199 ug/l (freshwater)			
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PNEC soil       8884 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:         Immediately remove all soiled and contaminated clothing         Wash hands before breaks and at the end of work.         Respiratory protection:         In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe exposure use self-contained respiratory protective device.         Protection of hands:         Volume         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	PNEC sed	liment	44551 mg	/kg (freshwater)		
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Exposure controls Personal protective equipment: General protective and hygienic measures: Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe 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						
Personal protective equipment: General protective and hygienic measures: Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe 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	Additiona	l infor	mation: Th	ne lists valid during the making were used as basis.		
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Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. <b>Respiratory protection:</b> In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe exposure use self-contained respiratory protective device. <b>Protection of hands:</b> 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				ment:		
<ul> <li>Wash hands before breaks and at the end of work.</li> <li>Respiratory protection:</li> <li>In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe exposure use self-contained respiratory protective device.</li> <li>Protection of hands:</li> <li>Protective gloves</li> <li>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</li> <li>Due to missing tests no recommendation to the glove material can be given for the product/ the</li> </ul>						
Respiratory protection:         In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longe exposure use self-contained respiratory protective device.         Protection of hands:         Image: 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						
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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						
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preparation. Due to missing tests no recommendation to the glove material can be given for the product/ th			-			
preparation. Due to missing tests no recommendation to the glove material can be given for the product/ th	The alove	mater	ial has to h	be impermeable and resistant to the product/ the substance/ the		
Due to missing tests no recommendation to the glove material can be given for the product/ th	•					
preparation/ the chemical mixture.	Due to mi	ssing t				
Selection of the glove material on consideration of the penetration times, rates of diffusion and the						

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

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· Material of gloves

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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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### · Eye protection:



Tightly sealed goggles

## **9 Physical and Chemical Properties**

<ul> <li>Information on basic physical and chen</li> <li>General Information</li> </ul>	nical properties
· 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:	160 °C
· Flash point:	50 °C
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	370 °C
· 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:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density at 20 °C:	1.13 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.
<ul> <li>Evaporation rate</li> </ul>	Not determined.



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<ul> <li>Solubility in / Miscibility with water:</li> </ul>	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
<ul> <li>Viscosity:</li> <li>Dynamic:</li> <li>Kinematic at 20 °C:</li> </ul>	Not determined. 800 s (DIN 53211/4)
<ul> <li>Solvent content: VOC (EC)</li> </ul>	110.7 g/l
· 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:
---

Oral	LD50	vlene-1,6-diisocyanate polymer >5000 mg/kg (rat)
	LC50/ 96 hr	>100 mg/l (fish)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4 h	0.39 mg/l (rat)
123-86-4 r	n-butyl aceta	ite
Oral	LD50	13100 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)
822-06-0 l	nexamethyle	ne-di-isocyanate
Oral	LD50	738 mg/kg (rat)
Dermal	LD50	593 mg/kg (rat)
Skin corre		on No irritant effect. rritation No irritating effect.

 $\cdot$  Respiratory or skin sensitisation Sensitisation possible through skin contact.

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#### Trade name: Transurethane Shield 3.45 pack B

· 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: Irritant

### **12 Ecological Information**

- · Toxicity
- · Aquatic toxicity:

#### 28182-81-2 hexamethylene-1,6-diisocyanate polymer

EC50 >10000 mg/l (Bacteria)

EC 50 (48 hr) >100 mg/l (daphnia)

- 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.
- · 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. Danger to drinking water if even small quantities leak into the ground.

#### · Results of PBT and vPvB assessment

- · PBT: Not applicable.
- · vPvB: Not applicable.

Other adverse effects No further relevant information available.

## **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.

· UN-Number		
· ADG, ADN, IMDG	Void	
IATA	UN1263	
· UN proper shipping name		
· ADG, ADN, IMDG	Void	
	PAINT	



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## Trade name: Transurethane Shield 3.45 pack B

		(Contd. of page
Transport hazard class(es)		
· ADG, ADN, IMDG · Class	Void	
·IATA		
Class	3 Flammable liquids.	
· Label	3	
· Packing group		
· ADG, IMDG	Void	
·IATA	III	
· Environmental hazards:		
· Marine pollutant:	No	
Special precautions for user	Not applicable.	
· Transport in bulk according to Ann	ex II of	
Marpol and the IBC Code	Not applicable.	
· UN "Model Regulation":	Void	

## **15 Regulatory information**

- $\cdot$  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
- None of the ingredients is listed.
- · 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).
- Hazard pictograms



- · Signal word Warning
- **Hazard-determining components of labelling:** hexamethylene-1,6-diisocyanate polymer hexamethylene-di-isocyanate

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#### Trade name: Transurethane Shield 3.45 pack B

(Contra of poge Q)

· Hazard statements	(Conto. or page o)			
H226 Flammable liquid and vapour.				
H332 Harmful if inhaled.				
H317 May cause an allergic skin reaction.				
H335 May cause respiratory irritation.				
· Precautionary statements				
P210 Keep away from heat/spark	s/open flames/hot surfaces. No smoking.			
P240 Ground/bond container and				
	cal/ventilating/lighting equipment.			
P261 Avoid breathing dust/fume/				
P280 Wear protective gloves/pro	tective clothing/eye protection/face protection.			
P303+P361+P353 IF ON SKIN (or hair): Rer	nove/Take off immediately all contaminated clothing.			
Rinse skin with water/show	er.			
P304+P340 IF INHALED: Remove vict	m to fresh air and keep at rest in a position			
comfortable for breathing.				
P312 Call a POISON CENTER/d	octor if you feel unwell.			
P405 Store locked up.				
P501 Dispose of contents/contai	ner 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 P5c FLAMMABLE LIQUIDS				

- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50000 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:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) 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. 3: Acute toxicity - inhalation - Category 3 Acute Tox. 4: Acute toxicity - inhalation - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Resp. Sens. 1: Respiratory sensitisation - Category 1 Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 • \* Data compared to the previous version altered.