



Safety Data Sheet

acc. to Safe Work Australia - Code of Practice

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name **POR-15 2K URETHANE SAFETY BLUE**
Product code(s) 43241, 43244

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Paint

1.3 Details of the supplier of the safety data sheet

e-mail (competent person) support@porproducts.com

1.3 Details of the supplier of the safety data sheet

Manufacturer:
P.O.R. Products:
38 Portman Road:
New Rochelle:
NY 10801:
United States:
support@porproducts.com:
www.porproducts.com:

Supplier of Product: Sydney Automotive Paints & Equipment Pty Ltd
A3/ 366 Edgar Street
Condell Park, NSW 2200 Australia
+61 2 9772 9000:

1.4 Emergency telephone number

Australia (Mon - Fri, 08:00-16:00 AEST) General Medical Information: +61 2 9772 9000
Transport Information: +61 2 9772 9000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	flammable liquid	3	Flam. Liq. 3	H226
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.4S	skin sensitisation	1	Skin Sens. 1	H317
3.5	germ cell mutagenicity	1B	Muta. 1B	H340
3.6	carcinogenicity	1A	Carc. 1A	H350
3.10	aspiration hazard	1	Asp. Tox. 1	H304
4.1A	hazardous to the aquatic environment - acute hazard	2	Aquatic Acute 2	H401

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

2.2 Label elements

Labelling

- Signal word danger

- Pictograms

GHS02, GHS07, GHS08



- Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H340	May cause genetic defects.
H350	May cause cancer.
H401	Toxic to aquatic life.

- Precautionary statements

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P308+P313	IF exposed or concerned: Get medical advice/ attention.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to industrial combustion plant.

- Hazardous ingredients for labelling

VM&P Naptha, 4-chloro- α,α,α -trifluorotoluene, xylene, ethyl benzene

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS
Acrylic Resin	CAS No 9003-55-8	50 - < 75	
n-butyl acetate	CAS No 123-86-4	10 - < 25	Flam. Liq. 3 / H226 STOT SE 3 / H336 Aquatic Acute 3 / H402
xylene	CAS No 1330-20-7	10 - < 25	Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Acute Tox. 4 / H312 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401
4-chloro- α,α,α -trifluorotoluene	CAS No 98-56-6	5 - < 10	Flam. Liq. 3 / H226 Acute Tox. 5 / H313 Skin Sens. 1B / H317 Aquatic Acute 1 / H400
phtalo blue	CAS No 147-14-8	1 - < 5	Acute Tox. 4 / H332
2-methoxy-1-methylethyl acetate	CAS No 108-65-6	1 - < 5	Flam. Liq. 3 / H226 Acute Tox. 5 / H313
VM&P Naptha	CAS No 64742-89-8	1 - < 5	Flam. Liq. 1 / H224 Acute Tox. 5 / H313 Muta. 1B / H340 Carc. 1A / H350 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401
ethyl benzene	CAS No 100-41-4	1 - < 5	Flam. Liq. 3 / H226 Acute Tox. 5 / H303 Acute Tox. 4 / H332 STOT RE 2 / H373 Asp. Tox. 1 / H304 Aquatic Acute 2 / H401 Aquatic Chronic 2 / H411
Titanium dioxide (excluding nano-particle)	CAS No 13463-67-7	0.1 - < 1	Carc. 2 / H351

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Name of substance	Identifier	Wt%	Classification acc. to GHS
acrylic resin	CAS No 32472-85-8	0.1 - < 1	
2-butoxyethanol	CAS No 111-76-2	0.1 - < 1	Flam. Liq. 4 / H227 Acute Tox. 4 / H302 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319
Carbon black	CAS No 1333-86-4	0 - < 0.1	Aquatic Chronic 4 / H413
dibutyltin dilaurate	CAS No 77-58-7	0 - < 0.1	Acute Tox. 5 / H303 Acute Tox. 5 / H313 Muta. 2 / H341 Repr. 1B / H360FD STOT RE 1 / H372 Aquatic Acute 2 / H401

Remarks

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
AU	ethylbenzene	100-41-4	WES	100	434	125	543				WES
AU	1-methoxy-2-propanol acetate	108-65-6	WES	50	274	100	548			H	WES

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
AU	2-butoxyethanol (butyl cellosolve) (butyl glycol) (ethylene glycol monobutyl ether)	111-76-2	WES	20	96.9	50	242			H	WES
AU	n-butyl acetate	123-86-4	WES	150	713	200	950				WES
AU	xylene, mixture of isomers	1330-20-7	WES	80	350	150	655				WES
AU	carbon black	1333-86-4	WES		3						WES
AU	titanium dioxide	13463-67-7	WES		10					i, noAsb_less1Sil	WES

Notation

Ceiling-C

ceiling value is a limit value above which exposure should not occur

H

absorbed through the skin

i

inhalable fraction

noAsb_less1S

contains no asbestos and less than 1% free crystalline silica

il

STEL

short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
xylene	1330-20-7	DNEL	221 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
xylene	1330-20-7	DNEL	442 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
xylene	1330-20-7	DNEL	221 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
xylene	1330-20-7	DNEL	442 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
xylene	1330-20-7	DNEL	212 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
4-chloro- α,α,α -trifluorotoluene	98-56-6	DNEL	1.025 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
4-chloro- α,α,α -trifluorotoluene	98-56-6	DNEL	0.4 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
4-chloro- α,α,α -trifluorotoluene	98-56-6	DNEL	17.6 μ g/cm ²	human, dermal	worker (industry)	acute - local effects
2-methoxy-1-methyl-ethyl acetate	108-65-6	DNEL	275 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Relevant DNELs of components						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
2-methoxy-1-methyl-ethyl acetate	108-65-6	DNEL	550 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
2-methoxy-1-methyl-ethyl acetate	108-65-6	DNEL	796 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
ethyl benzene	100-41-4	DNEL	77 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
ethyl benzene	100-41-4	DNEL	293 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
ethyl benzene	100-41-4	DNEL	180 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-butoxyethanol	111-76-2	DNEL	98 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
2-butoxyethanol	111-76-2	DNEL	1,091 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
2-butoxyethanol	111-76-2	DNEL	246 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
2-butoxyethanol	111-76-2	DNEL	125 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
2-butoxyethanol	111-76-2	DNEL	89 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
dibutyltin dilaurate	77-58-7	DNEL	0.02 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
dibutyltin dilaurate	77-58-7	DNEL	0.059 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
dibutyltin dilaurate	77-58-7	DNEL	0.43 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
dibutyltin dilaurate	77-58-7	DNEL	2.08 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects

Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
xylene	1330-20-7	PNEC	0.327 mg/l	aquatic organisms	freshwater	short-term (single instance)
xylene	1330-20-7	PNEC	0.327 mg/l	aquatic organisms	marine water	short-term (single instance)
xylene	1330-20-7	PNEC	6.58 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
xylene	1330-20-7	PNEC	12.46 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
xylene	1330-20-7	PNEC	12.46 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
xylene	1330-20-7	PNEC	2.31 mg/kg	terrestrial organisms	soil	short-term (single instance)
4-chloro- α,α,α -trifluorotoluene	98-56-6	PNEC	2 $\mu\text{g/l}$	aquatic organisms	freshwater	short-term (single instance)
4-chloro- α,α,α -trifluorotoluene	98-56-6	PNEC	0.2 $\mu\text{g/l}$	aquatic organisms	marine water	short-term (single instance)
4-chloro- α,α,α -trifluorotoluene	98-56-6	PNEC	0.032 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
4-chloro- α,α,α -trifluorotoluene	98-56-6	PNEC	0.022 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
4-chloro- α,α,α -trifluorotoluene	98-56-6	PNEC	0.002 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
4-chloro- α,α,α -trifluorotoluene	98-56-6	PNEC	0.026 mg/kg	terrestrial organisms	soil	short-term (single instance)
2-methoxy-1-methyl-ethyl acetate	108-65-6	PNEC	0.635 mg/l	aquatic organisms	freshwater	short-term (single instance)
2-methoxy-1-methyl-ethyl acetate	108-65-6	PNEC	0.064 mg/l	aquatic organisms	marine water	short-term (single instance)
2-methoxy-1-methyl-ethyl acetate	108-65-6	PNEC	100 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-methoxy-1-methyl-ethyl acetate	108-65-6	PNEC	3.29 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-methoxy-1-methyl-ethyl acetate	108-65-6	PNEC	0.329 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-methoxy-1-methyl-ethyl acetate	108-65-6	PNEC	0.29 mg/kg	terrestrial organisms	soil	short-term (single instance)
ethyl benzene	100-41-4	PNEC	0.1 mg/l	aquatic organisms	freshwater	short-term (single instance)
ethyl benzene	100-41-4	PNEC	0.01 mg/l	aquatic organisms	marine water	short-term (single instance)
ethyl benzene	100-41-4	PNEC	9.6 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
ethyl benzene	100-41-4	PNEC	13.7 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
ethyl benzene	100-41-4	PNEC	1.37 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
ethyl benzene	100-41-4	PNEC	2.68 mg/kg	terrestrial organisms	soil	short-term (single instance)

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
acrylic resin	32472-85-8	PNEC	0.16 mg/l	aquatic organisms	freshwater	short-term (single instance)
acrylic resin	32472-85-8	PNEC	0.016 mg/l	aquatic organisms	marine water	short-term (single instance)
acrylic resin	32472-85-8	PNEC	0.58 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
acrylic resin	32472-85-8	PNEC	0.058 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
acrylic resin	32472-85-8	PNEC	0.022 mg/kg	terrestrial organisms	soil	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	8.8 mg/l	aquatic organisms	freshwater	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	0.88 mg/l	aquatic organisms	marine water	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	463 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	34.6 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	3.46 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-butoxyethanol	111-76-2	PNEC	2.33 mg/kg	terrestrial organisms	soil	short-term (single instance)
dibutyltin dilaurate	77-58-7	PNEC	0 mg/l	aquatic organisms	freshwater	short-term (single instance)
dibutyltin dilaurate	77-58-7	PNEC	0 mg/l	aquatic organisms	marine water	short-term (single instance)
dibutyltin dilaurate	77-58-7	PNEC	100 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
dibutyltin dilaurate	77-58-7	PNEC	0.05 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
dibutyltin dilaurate	77-58-7	PNEC	0.005 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
dibutyltin dilaurate	77-58-7	PNEC	0.041 mg/kg	terrestrial organisms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	not determined
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	≥-20 °C at 101.3 kPa
Flammability	flammable liquid in accordance with GHS criteria
Lower and upper explosion limit	1.1 vol% - 7.6 vol%
Flash point	41 °C
Auto-ignition temperature	≥280 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not determined
Solubility(ies)	not determined

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
---	-----------------------------------

Vapour pressure	≤240 kPa at 37.8 °C
-----------------	---------------------

Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
--------------------------	-----------------------

9.2 Other information

Information with regard to physical hazard classes	there is no additional information
--	------------------------------------

Other safety characteristics

Solid content	4.872 %
---------------	---------

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidisers

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
xylene	1330-20-7	oral	3,523 mg/kg
xylene	1330-20-7	dermal	1,100 mg/kg
xylene	1330-20-7	inhalation: vapour	11 mg/l/4h
4-chloro- α,α,α -trifluorotoluene	98-56-6	dermal	>3,300 mg/kg
phtalo blue	147-14-8	inhalation: dust/mist	>1.084 mg/l/4h
2-methoxy-1-methylethyl acetate	108-65-6	dermal	>2,000 mg/kg
VM&P Naptha	64742-89-8	dermal	>2,000 mg/kg
ethyl benzene	100-41-4	oral	3,500 mg/kg
ethyl benzene	100-41-4	inhalation: vapour	11 mg/l/4h
2-butoxyethanol	111-76-2	oral	1,414 mg/kg
2-butoxyethanol	111-76-2	inhalation: vapour	11 mg/l/4h
dibutyltin dilaurate	77-58-7	oral	2,071 mg/kg
dibutyltin dilaurate	77-58-7	dermal	>2,000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life.

Aquatic toxicity (acute) of components					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
n-butyl acetate	123-86-4	LC50	18 mg/l	fish	96 h
n-butyl acetate	123-86-4	EC50	18 mg/l	fish	96 h
n-butyl acetate	123-86-4	ErC50	335 mg/l	algae	24 h
xylene	1330-20-7	LC50	8.4 mg/l	fish	96 h
xylene	1330-20-7	EC50	4.9 mg/l	algae	72 h
xylene	1330-20-7	ErC50	4.7 mg/l	algae	72 h
4-chloro- α,α,α -trifluoro-toluene	98-56-6	LC50	6.5 mg/l	fish	24 h
4-chloro- α,α,α -trifluoro-toluene	98-56-6	ErC50	>0.41 mg/l	algae	72 h
4-chloro- α,α,α -trifluoro-toluene	98-56-6	EC50	>0.41 mg/l	algae	72 h
phtalo blue	147-14-8	LC50	>100 mg/l	fish	96 h
phtalo blue	147-14-8	EC50	>500 mg/l	aquatic invertebrates	48 h
phtalo blue	147-14-8	ErC50	>100 mg/l	algae	72 h

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

Aquatic toxicity (acute) of components					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
2-methoxy-1-methylethyl acetate	108-65-6	LC50	180 mg/l	fish	96 h
2-methoxy-1-methylethyl acetate	108-65-6	EC50	>500 mg/l	aquatic invertebrates	48 h
2-methoxy-1-methylethyl acetate	108-65-6	ErC50	>1,000 mg/l	algae	96 h
VM&P Naptha	64742-89-8	LL50	8.2 mg/l	fish	96 h
VM&P Naptha	64742-89-8	EL50	4.5 mg/l	aquatic invertebrates	48 h
ethyl benzene	100-41-4	LC50	7 mg/l	fish	24 h
ethyl benzene	100-41-4	EC50	2.4 mg/l	aquatic invertebrates	48 h
acrylic resin	32472-85-8	LC50	>100 mg/l	fish	24 h
acrylic resin	32472-85-8	EC50	>100 mg/l	aquatic invertebrates	24 h
acrylic resin	32472-85-8	ErC50	157.4 mg/l	algae	72 h
2-butoxyethanol	111-76-2	LC50	1,474 mg/l	fish	96 h
2-butoxyethanol	111-76-2	EC50	1,550 mg/l	aquatic invertebrates	48 h
2-butoxyethanol	111-76-2	ErC50	1,840 mg/l	algae	72 h
Carbon black	1333-86-4	EC50	>5,600 mg/l	aquatic invertebrates	24 h
Carbon black	1333-86-4	ErC50	>10,000 mg/l	algae	72 h
dibutyltin dilaurate	77-58-7	LC50	21.2 mg/l	fish	96 h
dibutyltin dilaurate	77-58-7	EC50	3.4 mg/l	aquatic invertebrates	48 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packages which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

UN RTDG	UN 1263
IMDG-Code	UN 1263
ICAO-TI	UN 1263
ADG	UN 1263

14.2 UN proper shipping name

UN RTDG	PAINT
IMDG-Code	PAINT
ICAO-TI	Paint
ADG	PAINT

14.3 Transport hazard class(es)

UN RTDG	3
IMDG-Code	3
ICAO-TI	3
ADG	3

14.4 Packing group

UN RTDG	III
IMDG-Code	III
ICAO-TI	III
ADG	III

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

SECTION 15: Regulatory information

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

There is no additional information.

National regulations (Australia)

AIIC-Australian Inventory of Industrial Chemicals (AIIC)

Australian Inventory of Chemical Substances	
Name acc. to inventory	CAS No
benzene, ethyl-	100-41-4
Titanium oxide (TiO ₂)	13463-67-7
Stannane, dibutylbis[(1-oxododecyl)oxy]-	77-58-7
benzene, ethenyl-, polymer with 1,3-butadiene	9003-55-8
2-Propanol, 1-methoxy-, acetate	108-65-6
Ethanol, 2-butoxy-	111-76-2
benzene, dimethyl-	1330-20-7
acetic acid, butyl ester	123-86-4
carbon black	1333-86-4
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6
Solvent naphtha (petroleum), light aliph.	64742-89-8
Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (SP-4-1)-	147-14-8

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.



Safety Data Sheet

acc. to Safe Work Australia - Code of Practice

POR-15 2K URETHANE SAFETY BLUE

Version number: GHS 4.0
Replaces version of: 2024-02-20 (GHS 3)

Revision: 2024-02-20

SECTION 16: Other information

Abbreviations and acronyms

ADG-Australian Dangerous Goods Code.
AICIS-Australian Inventory of Chemical Substances.
AIIC-Australian Inventory of Industrial Chemicals.

Key literature references and sources for data

Globally Harmonized System of Classification and Labelling of Chemicals ("Purple book").
UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.