



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
GHS: The Globally Harmonized System of Classification and Labeling of Chemicals

SEAL N FLEX 1 GREY
Revision Number 1.02

Revision date 17-Nov-2022
Supersedes Date: 04-Aug-2021

Section 1: Identification

Product identifier

Product Name SEAL N FLEX 1 GREY

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended use Adhesives and/or sealants

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier

Bostik New Zealand Limited
19 Eastern Hutt Road Wingate,
Lower Hutt, New Zealand
Tel: 04-567 5119
Fax: 04-567 5412

Manufacturer

Bostik Australia Pty Ltd
51-71 High Street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342

ABN: 79 003 893 838

E-mail address SDS.AP@Bostik.com

Emergency telephone number

Emergency Telephone 24 Hr: 0800 243 622
International +64 4 917 9888
Poison Centre : 0800 764 766

Section 2: Hazard identification

GHS Classification

Acute toxicity - Inhalation (Vapors)	Category 4 (HSNO - 6.1D)
Serious eye damage/eye irritation	Category 2 (HSNO - 6.4A)
Respiratory sensitization	Category 1 (HSNO - 6.5A)
Skin sensitization	Category 1 (HSNO - 6.5B)
Carcinogenicity	Category 2 (HSNO - 6.7B)
Specific target organ toxicity (repeated exposure)	Category 2 (HSNO - 6.9B)

Label elements



Signal word
Danger

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Hazard statements

H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H351 - Suspected of causing cancer
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/clothing and eye/face protection
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing must not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

If experiencing respiratory symptoms: Call a doctor

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

Product dust may be irritating to eyes, skin and respiratory system. Causes mild skin irritation.

Section 3: Composition/information on ingredients

Chemical name	CAS No	Weight-%
Limestone	1317-65-3	10 - <30
Polyvinyl chloride	9002-86-2	10 - <30
Xylenes (o-, m-, p- isomers)	1330-20-7	<10
Urea, N,N"-(methylenedi-4,1-phenylene)bis[N'-butyl-	77703-56-1	<10
Titanium dioxide	13463-67-7	<10
Benzenesulfonyl isocyanate, 4-methyl-	4083-64-1	<10
m-tolylidene diisocyanate	26471-62-5	<10
Glycidoxypopyltrimethoxysilane	2530-83-8	<10

Non-hazardous ingredients	Proprietary	Balance
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Section 4: First-aid measures

Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

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Inhalation	May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical attention.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Ingestion	May produce an allergic reaction. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information. Avoid breathing dust/fume/gas/mist/vapors/spray.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/or wheezing. Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation. Difficulty in breathing.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
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Section 5: Fire-fighting measures

Suitable Extinguishing Media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
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Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
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Specific hazards arising from the chemical

Specific hazards arising from the chemical	Product is or contains a sensitizer. May cause sensitization by skin contact.
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Hazardous combustion products	Carbon oxides. Carbon dioxide (CO ₂). Nitrogen oxides (NO _x). Hydrochloric Acid.
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Special protective actions for fire-fighters

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.
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Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal
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protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid generation of dust. Do not breathe dust.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid generation of dust.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and immediately after handling the product. Avoid breathing dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Protect from moisture.

Recommended storage temperature Keep at temperatures between 50 and 95 °F / 10 and 35 °C.

Incompatible materials None known based on information supplied.

Section 8: Exposure controls/personal protection

Control parameters

Exposure Limits This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

Chemical name	New Zealand	ACGIH TLV	United Kingdom	Australia
Limestone 1317-65-3	TWA: 10 mg/m ³	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	-
Polyvinyl chloride 9002-86-2	-	TWA: 1 mg/m ³ respirable particulate	TWA: 10 mg/m ³ TWA: 4 mg/m ³	-

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		— matter	STEL: 30 mg/m ³ STEL: 12 mg/m ³	
Xylenes (o-, m-, p-isomers) 1330-20-7	TWA: 50 ppm TWA: 217 mg/m ³	TWA: 20 ppm	TWA: 50 ppm TWA: 220 mg/m ³ STEL: 100 ppm STEL: 441 mg/m ³ Sk*	TWA: 80 ppm TWA: 350 mg/m ³ STEL: 150 ppm STEL: 655 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	TWA: 0.02 mg/m ³ STEL: 0.07 mg/m ³	-	TWA: 0.02 mg/m ³ STEL: 0.07 mg/m ³ Sen+	TWA: 0.02 mg/m ³ STEL: 0.07 mg/m ³
m-tolylidene diisocyanate 26471-62-5	TWA: 0.02 mg/m ³ STEL: 0.07 mg/m ³	dermal sensitizer;respiratory sensitizer STEL: 0.005 ppm inhalable fraction and vapor TWA: 0.001 ppm inhalable fraction and vapor S*	TWA: 0.02 mg/m ³ STEL: 0.07 mg/m ³ Sen+	TWA: 0.02 mg/m ³ STEL: 0.07 mg/m ³

Biological occupational exposure limits This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

Chemical name	New Zealand	ACGIH
Xylenes (o-, m-, p-isomers) 1330-20-7	1.5 g/L - urine (Methylhippuric acid) - end of shift	1.5 g/g creatinine - urine (Methylhippuric acids) - end of shift
m-tolylidene diisocyanate 26471-62-5	5 µg/g creatinine - urine (Toluene diamine) - end of work shift	5 µg/g creatinine - urine (Toluenediamine isomers with hydrolysis) - end of shift

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eyeface protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state Solid
Appearance Paste

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Color Gray
Odor Characteristic.
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	.	
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	1	
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available.	
Oxidizing properties	No information available.	
<u>Other information</u>		
Softening Point	No information available	
Molecular weight	No information available	
VOC content	No information available	
Liquid Density	1.25	
Bulk density	No information available	
Particle characteristics		

Section 10: Stability and reactivity

Reactivity

Reactivity No information available.

Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Possibility of hazardous reactions

Hazardous polymerization Hazardous polymerization may occur.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

Conditions to avoid Product cures with moisture. Excessive heat. Protect from moisture.

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Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous decomposition products

Hazardous decomposition products Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Hydrogen cyanide. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Section 11: Toxicological information

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components). May cause irritation of respiratory tract. Harmful by inhalation.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause sensitization by skin contact. May cause irritation. Prolonged contact may cause redness and irritation. Causes mild skin irritation.

Ingestion Specific test data for the substance or mixture is not available. May cause additional affects as listed under "Inhalation". Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. Itching. Rashes. Hives. May cause redness and tearing of the eyes. Prolonged contact may cause redness and irritation.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 5,331.70 mg/kg
ATEmix (inhalation-vapor) 12.60 mg/l
ATEmix (inhalation-dust/mist) 45.80 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone	>5000 mg/kg (Rattus)	-	-
Xylenes (o-, m-, p- isomers)	=3500 mg/kg (Rattus)	> 1700 mg/kg (Oryctolagus cuniculus) > 4350 mg/kg (Oryctolagus cuniculus)	= 11 mg/L (ATE)
Titanium dioxide	>10000 mg/kg (Rattus)	LD50 > 5000 mg/Kg	= 5.09 mg/L (Rattus) 4 h
Benzenesulfonyl isocyanate, 4-methyl-	=2234 mg/kg (Rattus)	LD 50 (Rattus) > 2000 mg/kg OECD 402	>640 ppm (Rattus) 1 h
m-tolylidene diisocyanate	=3060 mg/kg (Rattus)	= 10000 mg/kg (Oryctolagus cuniculus)	=0.107 mg/L 4h (Vapour)(Rattus) (OECD 403)

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			=0.48 mg/L 1h (Vapour)(Rattus) (OECD 403)
Glycidoxypropyltrimethoxysilane	=8025 mg/kg (Rattus)	= 4250 mg/kg (Oryctolagus cuniculus)	>5.3 mg/L (Rattus) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes mild skin irritation.

Titanium dioxide (13463-67-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Non-irritant

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Component Information

Titanium dioxide (13463-67-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye			Non-irritant

Glycidoxypropyltrimethoxysilane (2530-83-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye			Eye Damage

Respiratory or skin sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Xylenes (o-, m-, p- isomers) (1330-20-7)

Method	Species	Exposure route	Results
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse	Dermal	No sensitization responses were observed

Titanium dioxide (13463-67-7)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	Not a skin sensitizer
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse	Dermal	Not a skin sensitizer

m-tolylidene diisocyanate (26471-62-5)

Method	Species	Exposure route	Results
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse	Dermal	sensitizing

Glycidoxypropyltrimethoxysilane (2530-83-8)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	No sensitization responses were observed

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Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	New Zealand	IARC
Polyvinyl chloride - 9002-86-2	-	Group 3
Xylenes (o-, m-, p- isomers) - 1330-20-7	-	Group 3
Titanium dioxide - 13463-67-7	-	Group 2B
m-tolylidene diisocyanate - 26471-62-5	-	Group 2B

Legend

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

Respiratory irritation No information available.

Narcotic effects No information available.

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Based on available data, the classification criteria are not met.

Section 12: Ecological information

Ecotoxicity

Ecotoxicity

Aquatic ecotoxicity

Unknown aquatic toxicity 0.95021 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Limestone	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h)>10000mg/L (Oncorhynchus mykiss)	CE50 (48h) >1000 mg/L Daphnia Magna
Xylenes (o-, m-, p- isomers)	-	LC50 96 h 2.6 mg/L (Oncorhynchus mykiss) (OECD 203)	EC50 48 h = 3.4 mg/L (Daphnia magna)
Urea, N,N''-(methylenedi-4,1-phenylene)bis[N'-butyl-	EC50 (72h) >100 mg/L Algae (Raphidocelis subcapitata)	LC50 (96h)>250 mg/L (Brachydanio rerio)	EC50 (48h) >100 mg/L Daphnia magna
Titanium dioxide	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-
Glycidoxypolytrimethoxysilane	EC50 (96hr): 350 mg/l Pseudokirchneriella subcapitata	LC50 (96h) = 55 mg/L (Cyprinus carpio) OECD 203	EC50 (48h) =473 mg/L Daphnia magna

Terrestrial ecotoxicity

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Chemical name	Earthworm	Avian	Honeybees
m-tolylidene diisocyanate	Acute Toxicity: LC50 > 1000 mg/kg (Eisenia foetida, 14 Days soil dry weight) NOEC >= 1000 mg/kg (Eisenia foetida, 14 Days soil dry weight)	-	-

Persistence and degradability No information available.

Xylenes (o-, m-, p- isomers) (1330-20-7)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)	28 days	biodegradation	87.8 % Readily biodegradable

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Limestone	0.9
Xylenes (o-, m-, p- isomers)	3.15
Benzenesulfonyl isocyanate, 4-methyl-	0.6
m-tolylidene diisocyanate	3.43

Mobility in soil

Other adverse effects

No information available.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products

Dispose of product in packaging in a way that is consistent with the EPA Consolidation 30 April 2021 of the Hazardous Substances (Disposal) Notice 2017 and the Act. Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste. Substances which are hazardous to human health or corrosive to metals – may be discharged into the environment if a tolerable exposure limit has been set for the substance (or a component of that substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the tolerable exposure limit. If there is no tolerable exposure limit for the substance, then it may only be discharged into the environment if the substance is very rapidly converted to substances that are not hazardous substances.

Contaminated packaging

For packages that have been in direct contact with hazardous substances, the person must ensure that the package is rendered incapable of containing any substance. It must be disposed of in a manner that is consistent with the requirements for disposal of the substance that it contained, taking into account the material the package is manufactured from. Packages may only be reused or recycled if:

- the substance has a physical hazard other than corrosive to metal, and has been treated to remove any residual contents of the hazardous substance;

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- or for substances that have a health or environmental hazard, or corrosive to metal, the contents of the residue in the package are below the threshold for the substance to be classified as hazardous in the Hazardous Substances (Hazard Classification) Notice 2020.

Section 14: Transport information

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

ADR Not regulated

Section 15: Regulatory information

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

National regulations

New Zealand

ERMA Group

HSR002672

Chemical name	New Zealand HSNO Chemical Classification
Xylenes (o-, m-, p- isomers) - 1330-20-7	Flam. Liq. 3 (H226) Flam. Liq. 3 (H226) >=25% in a non hazardous diluent Acute Tox. 4 Oral (H302) Acute Tox. 4 Oral (H302) >=25% in a non hazardous diluent Acute Tox. 4 Dermal (H312) Acute Tox. 4 Dermal (H312) >=25% in a non hazardous diluent Skin Irrit. 2 (H315) Skin Irrit. 2 (H315) >=25% in a non hazardous diluent Eye Irrit. 2 (H319) Eye Irrit. 2 (H319) >=25% in a non hazardous diluent Repr. 2 (H361) Repr. 2 (H361) >=25% in a non hazardous diluent STOT RE 2 (H373) STOT RE 2 (H373) >=25% in a non hazardous diluent
Benzenesulfonyl isocyanate, 4-methyl- - 4083-64-1	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Resp. Sens. 1 (H334)
m-tolylidene diisocyanate - 26471-62-5	Acute Tox. 1 Inhalation (H330) Acute Tox. 1 Inhalation (H330) >26% in a non hazardous diluent Skin Irrit. 2 (H315) Skin Irrit. 2 (H315) >26% in a non hazardous diluent Eye Irrit. 2 (H319) Eye Irrit. 2 (H319) >26% in a non hazardous diluent Resp. Sens. 1 (H334) Resp. Sens. 1 (H334) >26% in a non hazardous diluent Skin Sens. 1 (H317) Skin Sens. 1 (H317) >26% in a non hazardous diluent Carc. 2 (H351) Carc. 2 (H351) >26% in a non hazardous diluent STOT RE 1 (H372) STOT RE 1 (H372) >26% in a non hazardous diluent Aquatic Chronic 3 (H412)

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	Aquatic Chronic 3 (H412) >26% in a non hazardous diluent
Glycidoxypropyltrimethoxysilane - 2530-83-8	Eye Irrit. 2 (H319)

National regulations

Any applicable tolerable exposure limits and environmental exposure limits according to the EPA Controls for Hazardous Substances are listed below

Chemical name	Tolerable Exposure Limit (TEL) Air	Tolerable Exposure Limit (TEL) Water	Tolerable Exposure Limit (TEL) Surface	Environmental Exposure Limits (EEL)
Xylenes (o-, m-, p-isomers) 1330-20-7	0.87 mg/m ³	0.6 mg/L	-	-

Certified handlers, tracking and controlled substance license requirements

Certified handlers are required for some substances. This includes substances requiring a controlled substance license, and most explosives, vertebrates toxic agents, and certain fumigants. Acutely toxic substances which are a Category 1 or 2, such as pesticides also require Certified handlers. Please check the Health and Safety at Work Act 2015 for further information

Tracking is required for some highly hazardous substances. These substances need to be under the control of an appropriately trained person or appropriately secured. Please check the Health and Safety at Work Act 2015 for further information

Controlled substance licenses are required to possess certain explosives, vertebrate toxic agents and fumigants. See Part 7 of the Health and Safety at Work Regulation 2017 for more information

EPA New Zealand HSNO approval code or group standard

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Section 16: Other information

Prepared By Product Safety & Regulatory Affairs

Revision date 17-Nov-2022

Revision Note

***Indicates updated data since last publication.

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Key literature references and sources for data used to compile the SDS

EPA (Environmental Protection Agency)
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
World Health Organization

Disclaimer

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Revision date 17-Nov-2022
Supersedes Date: 04-Aug-2021

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End of Safety Data Sheet