Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name SEAL N FLEX 1 GREY

Product Code(s)
30800510
30804603; 30803243; 30800510; 30840034

Other means of identification

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Adhesives and/or sealants

Uses advised against No information available.

Details of manufacturer or importer

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

ABN: 79 003 893 838

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 au-bostik-sds@bostik.com

Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

Section 2: Hazard(s) identification

GHS Classification

Acute toxicity - Inhalation (Vapors)	Category 4 - (H332)

Label elements

Exclamation mark

Signal word

WARNING

Hazard statements
H332 - Harmful if inhaled

Precautionary Statements - Prevention
Avoid breathing dust, fume, gas, mist, vapors and spray
Use only outdoors or in a well-ventilated area
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell

Other hazards which do not result in classification
Product dust may be irritating to eyes, skin and respiratory system.
Causes mild skin irritation.

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
No poisons schedule number allocated

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance

Not applicable

Mixture

Chemical name	CAS No.	Weight-%
Xylenes (o-, m-, p- isomers)	1330-20-7	5 - 10
4-isocyanatosulphonyltoluene tosyl isocyanate	4083-64-1	0.1 - 1
m-tolylidene diisocyanate	26471-62-5	0.1 - 1
Quartz (fine fraction)	14808-60-7	0.1 - 1
Non-hazardous ingredients	Proprietary	Balance

Section 4: First aid measures

Emergency telephone number Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. If symptoms persist, call a physician.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get 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 breathing dust/fume/gas/mist/vapors/spray. Use personal protective equipment as required. See section 8 for more information.

Most important symptoms and effects, both acute and delayed

Symptoms Prolonged contact may cause redness and irritation. Coughing and/ or wheezing.

Difficulty in breathing.

Indication of any immediate medical attention and special treatment needed

Note to physicians Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released, when the product is exposed to moisture or water.

Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical No information available.

Hazardous combustion products Carbon oxides. Carbon dioxide (CO2). Nitrogen oxides (NOx). Hydrochloric Acid.

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. Use personal protection equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust. Use personal protective equipment as required.

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 See Section 12 for additional Ecological Information.

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, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid generation of dust. Ensure adequate ventilation. Do not eat, drink or smoke when using this product.

General hygiene considerations Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. 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.

Section 8: Exposure controls and personal protection

Working area parameters, subject to mandatory control (MAC or TSEL)

Exposure Limits As Titanium dioxide (13463-67-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product. As Quartz (14808-60-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical name	Australia
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 80 ppm; TWA: 350 mg/m³; STEL: 150 ppm; STEL: 655 mg/m³;
4-isocyanatosulphonyltoluene tosyl isocyanate 4083-64-1	TWA: 0.02 mg/m³; STEL: 0.07 mg/m³;
m-tolylidene diisocyanate 26471-62-5	TWA: 0.02 mg/m³; STEL: 0.07 mg/m³;
Quartz (fine fraction) 14808-60-7	TWA: 0.05 mg/m³; respirable dust

OEL as published by Safe Work Australia

Biological occupational exposure limits

Appropriate engineering controls

Engineering controls Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Lightweight protective clothing. Long sleeved clothing.

Hand protection The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Nitrile rubber.

Respiratory protection Use appropriate respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Organic gases and vapors filter conforming to EN 14387.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Solid
Appearance	Paste
Color	Gray
Odor	Characteristic
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH	No data available	Not applicable
pH (as aqueous solution)	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability	No data available	
Flammability Limit in Air		
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	
Relative density	No data available	
Water solubility	Reacts with water	Reacts with water
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other information

Solid content (%)	No information available
Density	1.25 g/cm³
VOC content	64 g/L

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

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization Hazardous polymerization may occur.

Conditions to avoid

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

Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous decomposition products

Hazardous decomposition products Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). 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. Harmful by inhalation. (based on components).

Eye contact Based on available data, the classification criteria are not met.

Skin contact Specific test data for the substance or mixture is not available. Causes mild skin irritation.

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

Symptoms Prolonged contact may cause redness and irritation. Coughing and/ or wheezing.

Numerical measures of toxicity - Product Information

The following ATE values have been calculated for the mixture

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	5,556.40 mg/kg
ATEmix (inhalation-gas)	>20000
ATEmix (inhalation-vapor)	17.60 mg/l
ATEmix (inhalation-dust/mist)	47.70 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Xylenes (o-, m-, p- isomers)	=3500 mg/kg (Rattus)	> 1700 mg/kg (Oryctolagus cuniculus) > 4350 mg/kg (Oryctolagus cuniculus)	= 11 mg/L (ATE)
4-isocyanatosulphonyltoluene tosyl isocyanate	=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) =0.48 mg/L 1h (Vapour)(Rattus) (OECD 403)
Quartz (fine fraction)	>2000 mg/kg (Rattus)	-	-

See section 16 for terms and abbreviations

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. Classification not applicable.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

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

Carcinogenicity As Quartz (14808-60-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses. Based on available data, the classification criteria are not met.

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

Chemical name	Australia	European Union	IARC
Xylenes (o-, m-, p- isomers) 1330-20-7			Group 3
m-tolylidene diisocyanate 26471-62-5	Carc. 2	Carc. 2	Group 2B
Quartz (fine fraction) 14808-60-7	Carc. 1A		Group 1

Legend
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans 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.

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

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

Section 12: Ecological information

Ecotoxicity

Aquatic ecotoxicity Based on available data, the classification criteria are not met.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Xylenes (o-, m-, p-isomers) 1330-20-7	-	LC50 96 h 2.6 mg/L (Oncorhynchus mykiss) (OECD 203)	EC50 = 0.0084 mg/L 24 h	EC50 48 h = 3.4 mg/L (Dappnia magna)

Persistence and degradability

Persistence and degradability No information available.

Component Information

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
Xylenes (o-, m-, p- isomers) 1330-20-7	3.15
4-isocyanatosulphonyltoluene tosyl isocyanate 4083-64-1	0.6
m-tolylidene diisocyanate 26471-62-5	3.43

Mobility

Mobility in soil No information available.

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Section 14: Transport information

ADG Not regulated

IATA Not regulated

IMDG Not regulated

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

Section 15: Regulatory information

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

National regulations

Australia
See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
No poisons schedule number allocated

Illicit Drug Precursors/Reagents
This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

National pollutant inventory
Subject to reporting requirement

Chemical name	National pollutant inventory
Xylenes (o-, m-, p- isomers) 1330-20-7	10 tonne/yr Threshold category 1 VOC;including individual or mixed isomers
m-tolylidene diisocyanate 26471-62-5	20 MW Threshold category 2b as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 60000 MWH Threshold category 2b as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 1 tonne/h Threshold category 2a as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 25 tonne/yr Threshold category 1a as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 400 tonne/yr Threshold category 2a as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 2000 tonne/yr Threshold category 2b as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC

International Inventories

AIIC	Complies
NZIoC	Not Listed
ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Not Listed

Legend:
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing Chemicals Inventory
PICCS - Philippines Inventory of Chemicals and Chemical Substances

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

Europe

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorization:
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)
This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision date 25-May-2025

Revision Note
***Indicates updated data since last publication.

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

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Section 11: TOXICOLOGICAL INFORMATION
LD50 (lethal dose)
Section 12: Ecological information
EC50 (effective concentration)

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet