Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name
SEAL N FLEX 1 GREY

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

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

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
<td>4 (H332)</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>1 (H334)</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1 (H317)</td>
</tr>
</tbody>
</table>

Label elements

Exclamation mark
Health hazard
Signal word
Danger

Hazard statements
H317 - May cause an allergic skin reaction
H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards
Causes mild skin irritation
Toxic to aquatic life
Product dust may be irritating to eyes, skin and respiratory system
Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number
S6

Label requirements in accordance with SUSMP
POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

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

Substance
Not applicable

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>1330-20-7</td>
<td>0 - 10%</td>
</tr>
<tr>
<td>Benzenesulfonfyl isocyanate, 4-methyl-</td>
<td>4083-64-1</td>
<td>0 - 10%</td>
</tr>
<tr>
<td>Benzene, 1,3-diisocyanatomethyl-</td>
<td>26471-62-5</td>
<td>0 - 10%</td>
</tr>
<tr>
<td>Non-hazardous ingredients</td>
<td>Proprietary</td>
<td>Balance</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

Emergency telephone number
Poisons Information Center, Australia: 13 11 26
FIRST AID

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

**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 advice/attention.

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

**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. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/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. Difficulty in breathing.

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

**Note to physicians**
May cause sensitization in susceptible persons. Treat symptomatically.

---

**Section 5: Firefighting measures**

**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**
Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.

**Hazardous Combustion Products**
Carbon oxides.

**Special protective actions for fire-fighters**

**Special protective equipment 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**
Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal 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
Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up
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
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
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. 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. 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.

Incompatible materials
None known based on information supplied.

This material is a scheduled poison and must be stored, maintained and used in accordance with the relevant regulations.

Section 8: Exposure controls and personal protection

Control parameters
Exposure Limits
Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>80 ppm TWA</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>350 mg/m³ TWA</td>
</tr>
<tr>
<td></td>
<td>150 ppm STEL</td>
</tr>
<tr>
<td></td>
<td>655 mg/m³ STEL</td>
</tr>
</tbody>
</table>

OEL as published by Safe Work Australia

Appropriate engineering controls
Engineering controls
Showers
Eyewash stations
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**  
Wear suitable protective clothing.

**Hand protection**  
Wear suitable gloves.

**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Paste</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Gray</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

**Other information**

- Solid content (%)  
  No information available
- VOC (volatile organic compound)  
  64 g/L
- Density  
  1.6 g/cm³

### Section 10: Stability and reactivity

**Reactivity**

Reactivity  
No information available.

**Chemical stability**

No information available.
Safety Data Sheet

Stability
Stable under normal conditions.

Explosion Data
- Sensitivity to mechanical impact: None.
- Sensitivity to static discharge: None.

Possibility of hazardous reactions
- None under normal processing.

Hazardous Polymerization
Hazardous polymerization may occur.

Conditions to avoid
- Excessive heat.

Incompatible materials
None known based on information supplied.

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. May cause sensitization in susceptible persons. (based on components). Harmful by inhalation.

- Eye contact
  Specific test data for the substance or mixture is not available.

- 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. Causes mild skin irritation.

- Ingestion
  Specific test data for the substance or mixture is not available. May cause additional affects as listed under "Inhalation".

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.

Numerical measures of toxicity - Product Information

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

- ATEmix (oral): 28,442.00 mg/kg
- ATEmix (dermal): 7,649.00 mg/kg mg/l
- ATEmix (inhalation-dust/mist): 29.22 mg/l

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>= 3500 mg/kg (Rat)</td>
<td>&gt; 1700 mg/kg (Rabbit) &gt; 4350 mg/kg (Rabbit)</td>
<td>= &gt;47635 mg/L (Rat) 4 h = &gt;5000 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>Benzenesulfonyl isocyanate, 4-methyl-</td>
<td>= 2234 mg/kg (Rat)</td>
<td>-</td>
<td>&gt; 640 ppm (Rat) 1 h</td>
</tr>
</tbody>
</table>
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
No information available.

Serious eye damage/eye irritation
No information available.

Respiratory or skin sensitization
May cause sensitization by inhalation. May cause sensitization by skin contact.

Germ cell mutagenicity
No information available.

Carcinogenicity

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, 1,3-diisocyanatomethyl-</td>
<td>Carc. 2</td>
</tr>
<tr>
<td>26471-62-5</td>
<td></td>
</tr>
</tbody>
</table>

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration hazard
No information available.

Section 12: Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers) 1330-20-7</td>
<td>LC50 96 h 2.6 mg/L (Oncorhynchus mykiss) (OECD 203)</td>
<td>EC50 = 0.0084 mg/L 24 h</td>
<td>EC50 48 h = 3.4 mg/L (water flea)</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability

Persistence and degradability
No information available.

Bioaccumulative potential

Bioaccumulative potential
There is no data for this product.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers) 1330-20-7</td>
<td>3.15</td>
</tr>
<tr>
<td>Benzenesulfonil isocyanate, 4-methyl-4083-64-1</td>
<td>0.6</td>
</tr>
</tbody>
</table>

Mobility

Mobility in soil
No information available.
Mobility
No information available.

Other Adverse Effects
No information available.

Endocrine Disruptor Information
.

Section 13: Disposal considerations

Waste treatment 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)
Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number
S6

Major hazard (accident/incident planning) regulation
Verify that license requirements are met

Named hazardous chemicals

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Threshold quantity (T)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene, 1,3-diisocyanatomethyl-26471-62-5</td>
<td>200 tonne TQ</td>
</tr>
</tbody>
</table>

National pollutant inventory
Subject to reporting requirement

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>National pollutant inventory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p- isomers) 1330-20-7</td>
<td>10 tonne/yr Threshold category 1 including individual or mixed isomers 20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total</td>
</tr>
</tbody>
</table>
Safety Data Sheet

SEAL N FLEX 1 GREY
Revision Number 1.01
Revision Date 20-Feb-2019
Supersedes Date: 19-Feb-2019

<table>
<thead>
<tr>
<th>International Inventories</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AICS</td>
<td>Listed</td>
</tr>
<tr>
<td>NZIoC</td>
<td>Listed</td>
</tr>
<tr>
<td>ENCS</td>
<td>Not Listed</td>
</tr>
<tr>
<td>IECSC</td>
<td>Not Listed</td>
</tr>
<tr>
<td>KECL</td>
<td>Not Listed</td>
</tr>
<tr>
<td>PICCS</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**Legend:**

- **AICS** - Australian Inventory of Chemical Substances
- **NZIoC** - New Zealand Inventory of Chemicals
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **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**

**Section 16: Any other relevant information**

**Prepared By**
Product Safety & Regulatory Affairs

**Revision Date**
20-Feb-2019

**Revision note**
The symbol (*) in the margin of this SDS indicates that this line has been revised.

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

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

**Section 8: EXPOSURE CONTROLS/PERSOANAL PROTECTION**

- LD50 (lethal dose)
- 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