Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name: BOSTIK 166 BE BE TEX
Pure substance/mixture: Mixture

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

Recommended use: Adhesives.
Uses advised against: No information available.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

Emergency Telephone: 24 Hr: 0800 243 622
+6 4 917 9888
Poison Centre: 0800 764 766

E-mail address: SDS.AP@Bostik.com

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Acute aquatic toxicity: Category 1 (9.1A)
Chronic aquatic toxicity: Category 1 (9.1A)

Classification in parenthesis is applicable for New Zealand Hazard Classification

ERMA Group: 2670

2.2. Label Elements

Signal Word: WARNING

Hazard statements:
H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements - Prevention:
P273 - Avoid release to the environment

Spill:
P331 - Collect spillage

Precautionary Statements - Disposal:
P501 - Dispose of contents/ container to an approved waste disposal plant
2.3. Other Hazards

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Mixture

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>7664-41-7</td>
<td>0.1- &lt;1</td>
</tr>
</tbody>
</table>

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact
Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. If eye irritation persists: Get medical advice/attention.

Ingestion
Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Self-Protection of the First Aider
Use personal protective equipment as required.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms
None known.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically.

4.4. Reference to Other Sections

Reference to other sections
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media
Water spray (fog). Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media
No information available.

5.2. Special hazards arising from the substance or mixture

Specific Hazards Arising from the Chemical
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products
Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

5.3. Advice for firefighters
Special Protective Equipment for Fire-fighters

Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions
Evacuate personnel to safe areas. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental Precautions
Keep people away from and upwind of spill/leak.

6.3. Methods and material for containment and cleaning up

Methods for Containment
Stop leak if you can do it without risk.

Methods for cleaning up
Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections
Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling
Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Do not reuse container.

7.2. Conditions for safe storage, including any incompatibilities

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions
Keep from freezing. Keep containers tightly closed in a cool, well-ventilated place. Protect from moisture.

Incompatible Materials
No information available

7.3. Specific end use(s)

Other Information
No information available.

7.4. References to Other Sections

Reference to other sections
Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Zealand</th>
<th>Australia</th>
<th>European Union</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia 7664-41-7</td>
<td>TWA: 25 ppm 17 mg/m³ STEL: 35 ppm 24 mg/m³</td>
<td>25 ppm TWA 17 mg/m³ STEL: 35 ppm 24 mg/m³</td>
<td>TWA: 20 ppm 14 mg/m³ STEL: 50 ppm 36 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>NIOSH IDLH</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>STEL: 35 ppm</td>
<td>IDLH: 300 ppm</td>
<td>TWA: 50 ppm</td>
</tr>
</tbody>
</table>
Safety Data Sheet

BOSTIK 166 BE BE TEX
Revision Number 1.01

Revision Date 27-May-2018
Supersedes Date: 01-Jun-2017

7664-41-7

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>10 - 11</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>approx 100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td>Not applicable for liquids</td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Miscible in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in Other Solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

TWA: 25 ppm
TWA: 18 mg/m³
STEL: 35 ppm
STEL: 27 mg/m³
TWA: 35 mg/m³

Derived No Effect Level (DNEL)  No information available
Predicted No Effect Concentration (PNEC)  No information available

OTHER INFORMATION  No information available

8.2. Exposure controls

Engineering Controls  Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating equipment.

PPE - Personal Protection Equipment

Eye/Face Protection  Wear safety glasses with side shields (or goggles).
Skin and Body Protection  Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
Hand Protection  Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
Respiratory Protection  No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
General Hygiene Considerations  Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental Exposure Controls  No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance  Viscosity Liquid Low
Color  White
Odor  Ammonia
Odor Threshold  No information available
Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical stability

Stability Stable under normal conditions

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None known.

10.4. Conditions to avoid

Conditions to avoid Extremes of temperature and direct sunlight. Keep from freezing. Protect from moisture.

10.5. Incompatible materials

Incompatible Materials No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.
Eye contact No data available.
Skin Contact No data available.
Ingestion No data available.

Numerical measures of toxicity

Unknown acute toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>= 350 mg/kg ( Rat )</td>
<td>-</td>
<td>= 2000 ppm ( Rat ) 4 h</td>
</tr>
</tbody>
</table>
Delayed and immediate effects as well as chronic effects from short and long-term exposure

<table>
<thead>
<tr>
<th>Effect Type</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>No information available.</td>
</tr>
<tr>
<td>Serious Eye Damage/Eye Irritation</td>
<td>No information available.</td>
</tr>
<tr>
<td>Sensitization</td>
<td>No information available.</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>No information available.</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - Single Exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - Repeated Exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Target Organ Effects</td>
<td>No information available.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No information available.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Product Information
Very toxic to aquatic life with long lasting effects.

Component Information
Data obtained on the component(s) include

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7664-41-7</td>
<td>-</td>
<td>LC50 96 h 0.26 - 4.6 mg/L (Lepomis macrochirus)</td>
<td>LC50 48 h = 25.4 mg/L (Daphnia magna)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Waste Type</th>
<th>Disposal Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste from Residues/Unused</td>
<td>Disposal should be in accordance with applicable regional, national and local laws and regulations.</td>
</tr>
<tr>
<td>Products</td>
<td></td>
</tr>
<tr>
<td>Contaminated Packaging</td>
<td>Disposal should be in accordance with applicable regional, national and local laws and regulations.</td>
</tr>
</tbody>
</table>

Section 14: TRANSPORTATION INFORMATION