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

1.1. Product Identifier

Product Name: BOSTIK ACOUSTIC SEALANT
Pure substance/mixture: Mixture

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

Recommended use: Sealant.
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
+64 4 917 9888
Poison Centre: 0800 764 766

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

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th>Category 2 (9.1D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic aquatic toxicity</td>
<td>Category 3 (9.1C)</td>
</tr>
</tbody>
</table>

Classification in parenthesis is applicable for New Zealand Hazard Classification

ERMA Group: HSR002670

2.2. Label Elements

Hazard statements
H401 - Toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - Prevention
P273 - Avoid release to the environment

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>2,2,4-Trimethylpentane-1,3-diol monoisobutyrate</td>
<td>25265-77-4</td>
<td>1 - &lt;3</td>
</tr>
</tbody>
</table>

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures
General Advice
Immediate medical attention is required.

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. Protect from moisture.

Methods for cleaning up
Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

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
When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Storage Conditions
Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing. Protect from moisture. Protect from direct contact with water or excessive moisture.

Incompatible Materials
No information available

7.3. Specific end use(s)
Specific Use(s)
Sealant.

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
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
8.2. Exposure controls

Engineering Controls  
Ensure adequate ventilation, especially in confined areas. Use with local exhaust ventilation. 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.

General Hygiene  
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  
Do not allow into any sewer, on the ground or into any body of water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. 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>Appearance</td>
<td>Paste</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Off-white</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Acrylic</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</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>No information available</td>
<td></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>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>limits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>limits</td>
<td></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>Soluble 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>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

9.2. Other information

Softening Point  
No information available

Molecular Weight  
No information available

Solvent content (%)  
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 under normal processing.

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

- 46.23479 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 46.23479 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 47.71679 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 47.71679 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 47.71679 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2,4-Trimethylpentane-1,3-diol monoisobutyrate 25265-77-4</td>
<td>= 6500 mg/kg (Rat)</td>
<td>&gt; 15200 mg/kg (Rat)</td>
<td>&gt; 3.55 mg/L (Rat) 6 h</td>
</tr>
</tbody>
</table>

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

BOSTIK ACOUSTIC SEALANT
Revision Number 3
Revision Date 19-Aug-2018
Supersedes Date: 13-Sep-2017

Skin Corrosion/Irritation
No information available.

Serious Eye Damage/Eye Irritation
No information available.

Sensitization
No information available.

Germ Cell Mutagenicity
No information available.

Reproductive Toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Target Organ Effects
Eyes, Gastrointestinal tract (GI), Respiratory system, Skin.

Aspiration hazard
No information available.

Carcinogenicity
No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Product Information
Harmful to aquatic life. Harmful to aquatic life with long lasting effects. Toxic to aquatic life.

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>2,2,4-Trimethylpentane-1,3-diol monoisonobutyrate&lt;br&gt; 25265-77-4</td>
<td>EC50 72 h = 18.4 mg/L (Pseudokirchneriella subcapitata)&lt;br&gt; LC50 96 h = 30 mg/L (Pimephales promelas)</td>
<td>EC50 (48hr)=164.7 mg/L (daphnia magna)</td>
<td></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

12.6. Other adverse effects
Endocrine Disruptor Information

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORTATION INFORMATION

IMDG
Not regulated
IATA
Not regulated

ADR
Not regulated

Section 15: REGULATORY INFORMATION

National Regulations

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet
No information available

Key Literature References and Sources for Data
No information available

Prepared By
Product Safety & Regulatory Affairs

Revision Date
19-Aug-2018

Revision Note
Not applicable.

Training Advice
No information available

Disclaimer
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End of Safety Data Sheet