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

1.1. Product Identifier

Product Name: BOSTIK SIL. INDUSTRIAL GRADE CLEAR
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: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Eye Damage/Eye Irritation</td>
<td>2A (6.4A)</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1B</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>2 (6.7B)</td>
</tr>
</tbody>
</table>

ERMA Group: HSR002679

2.2. Label Elements

Signal Word: WARNING

Hazard statements
H317 - May cause an allergic skin reaction
H351 - Suspected of causing cancer
H319 - Causes serious eye irritation

Precautionary Statements - Prevention
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P281 - Use personal protective equipment as required
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Revision Number 3
Revision Date 09-Jan-2018
Supersedes Date: 20-Jul-2017

P264 - Wash face, hands and any exposed skin thoroughly after handling
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves

Precautionary Statements - Response
P321 - Specific treatment (see supplemental first aid instructions on this label)

Skin
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse

EYES
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage
P405 - Store locked up

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-Butanone, O,O',O''-(methylsilyldyne)trioxime</td>
<td>22984-54-9</td>
<td>1 - &lt;5</td>
</tr>
<tr>
<td>2-Butanone, oxime</td>
<td>96-29-7</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
If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray.
Do not get in eyes, on skin, or on clothing.

Inhalation
Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration.
Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician.
Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.

Skin Contact
Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. If skin irritation persists, call a physician.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion
Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. 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

May cause sensitization of susceptible persons. 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

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

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

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

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2. Environmental precautions

Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

6.3. 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

Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Dam up.

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 contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as
required. Do not breathe dust/fume/gas/mist/vapors/spray. Use with local exhaust ventilation.

7.2. Conditions for safe storage, including any incompatibilities

General Hygiene Considerations
When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

Storage Conditions

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

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
Ensure adequate ventilation, especially in confined areas.

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
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

Appearance
Paste
Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical stability

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 Protect from moisture. Product cures with moisture.

10.5. Incompatible materials

Incompatible Materials No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

Section 11: TOXICOLOGY INFORMATION
11.1. Information on toxicological effects

Acute Toxicity

Product 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**

- 0% of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 4.9% of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 6.9% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 6.9% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 6.9% 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-Butanone, O,O',O''-(methylisilyldyne)trioxime 22964-54-9</td>
<td>LD50 = 2463 mg/Kg (Rat) (OECD 401)</td>
<td>LD50 &gt;2000 mg/Kg (Rat) (OECD guideline 402)</td>
<td>-</td>
</tr>
<tr>
<td>2-Butanone, oxime 96-29-7</td>
<td>= 930 mg/kg (Rat)</td>
<td>1000 - 1800 mg/kg (Rabbit)</td>
<td>&gt; 4800 mg/m³ (Rat) 4h</td>
</tr>
</tbody>
</table>

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.
- **Sensitization**: No information available.
- **Germ Cell Mutagenicity**: No information available.
- **Reproductive Toxicity**: Repeated inhalation or oral exposure of mice and rats to octamethylcyclotetrasiloxane produced an increase in liver size. No gross histopathological or significant clinical chemistry effects were observed. An increase in liver metabolizing enzymes, as well as a transient increase in the number of normal cells (hyperplasia) followed by an increase in cell size (hypertrophy) were determined to be the underlying causes of the liver enlargement. The biochemical mechanisms producing these effects are highly sensitive in rodents, while similar mechanisms in humans are insensitive. Good industrial hygiene practice minimizes inhalation exposure to any chemical. In developmental toxicity studies in which rats and rabbits were exposed to octamethylcyclotetrasiloxane by vapor inhalation at concentrations up to 700 ppm and 500 ppm respectively, no teratogenic effects were observed. Octamethylcyclotetrasiloxane administered to rats by whole body inhalation at concentrations of 500 and 700 ppm for 70 days prior to mating, through mating, gestation and lactation resulted in decreases in live litter size. Additionally, increases in the incidence of deliveries of offspring extending over an unusually long time period (dystocia) were observed at these concentrations. Statistically significant alterations in these parameters were not observed in the lower concentrations evaluated (300 and 70 ppm). In a previous range-finding study, rats exposed to vapor concentrations of 700 ppm had decreases in the number of implantation sites and live litter size. The significance of these findings to humans is not known. Classification is based on mixture calculation methods based on component data.

**STOT - Single Exposure**: No information available.

**STOT - Repeated Exposure**: No information available.

**Target Organ Effects**: Liver.

**Aspiration hazard**: No information available.

**Carcinogenicity**: The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity

**Product Information**
Harmful 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>2-Butanone, O,O',O''-(methylsilylidyne)trioxime 22984-54-9</td>
<td>-</td>
<td>EC50 (96h) &gt;120 mg/L Fish (Oncorhynchus mykiss)</td>
<td>-</td>
</tr>
<tr>
<td>2-Butanone, oxime 96-29-7</td>
<td>EC50 72 h = 83 mg/L (Desmodesmus subspicatus)</td>
<td>LC50 96 h = 777 - 914 mg/L (Pimephales promelas flow-through) LC50 96 h = 320 - 1000 mg/L (Leuciscus idus static) LC50 96 h = 760 mg/L (Poecilia reticulata static)</td>
<td>EC50 48 h = 750 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
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: 09-Jan-2018
Revision Note: Not applicable.
Training Advice: No information available

Disclaimer
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End of Safety Data Sheet