1. Identification

1.1. Product Identifier

Product Name: XL 3800 Hard-set LVT Adhesive

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

Responsible Party:
Bostik Inc.
198 Nexus Drive
Dalton GA 30721 USA
Phone: +1 (800) 367-4583 (Domestic Toll Free)
Phone: +1 (706) 272-5800 (Local)

E-mail: msds@bostik.com

1.4. Emergency telephone number

Telephone: Technical Rapid Response 1-706-508-5907
Chemtrec: 1-800-424-9300

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Skin corrosion/irritation: Category 2
Serious eye damage/eye irritation: Category 2A

2.2. Label Elements

Warning

Hazard statements:
Causes skin irritation
Causes serious eye irritation
## Safety Data Sheet

**STIX 5800**  
**Revision Number** 2  
**Revision Date** 09-JUL-2019  
**Supersedes Date:** 09-JUL-2019

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Physical State</th>
<th>Odor</th>
<th>Characteristic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paste</td>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response
Not applicable  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

### Precautionary Statements - Storage
Not applicable

### Precautionary Statements - Disposal
Not applicable

### Hazards not otherwise classified (HNOC)
Not applicable

### Unknown acute toxicity
1 % of the mixture consists of ingredient(s) of unknown toxicity

### 2.3. Other Information
No information available.

## 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>Limestone</td>
<td>1317-65-3</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Carbonic acid, magnesium salt (1:1)</td>
<td>546-93-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>2-(Dimethylamino)ethanol</td>
<td>108-01-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.*

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not rub affected area. Keep eye wide open while rinsing. If eye irritation persists: Get medical advice/attention.

#### 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.

#### Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Ingestion  
Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

**Symptoms**
Irritating to eyes. Irritating to skin.

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**
None known.

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. |

**Explosion Data**

| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge  | None. |

5.3. **Advice for firefighters**

**Special protective actions for fire-fighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Section 6: ACCIDENTAL RELEASE MEASURES**

6.1. **Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Do not touch damaged packages or spilled material.

6.2. **Environmental precautions**
Environmental precautions
Keep people away from and upwind of spill/leak. See Section 12 for additional Ecological Information.

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
Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

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
Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not reuse container.

7.2. Conditions for safe storage, including any incompatibilities

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

Incompatible materials
No information available.

7.3. Specific end use(s)

Specific Use(s)
Adhesives.

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 Guidelines
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.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>NIOSH IDLH</th>
<th>OSHA PEL</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone 1317-65-3</td>
<td>-</td>
<td>TWA: 10 mg/m³ total dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 5 mg/m³ respirable dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 15 mg/m³ total dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 5 mg/m³ respirable fraction</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 10 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 20 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbonic acid, magnesium</td>
<td>-</td>
<td>TWA: 10 mg/m³ total dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
8.2. Exposure controls

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

Personal protective equipment [PPE]

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

Skin and body 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  If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General hygiene considerations  Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with eyes, skin and clothing. Wash face, hands and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

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</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Paste</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Off-white</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100 °C / 212 °F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 100 °C / &gt; 212 °F</td>
<td></td>
<td>Pensky-Martens Closed Cup (PMCC)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable for liquids</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Limits

- Lower flammability or explosive limits: No information available.
- Vapor Pressure: No information available.
- Vapor Density: No information available.
- Relative Density: No information available.
- Water Solubility: Insoluble.
- Solubility in Other Solvents: No information available.
- Partition coefficient: No information available.
- Autoignition Temperature: No information available.
- Decomposition Temperature: No information available.
- Kinematic Viscosity: No information available.
- Dynamic Viscosity: No information available.
- Explosive properties: No information available.
- Oxidizing properties: No information available.

9.2. Other information

- Softening Point: No information available.
- Molecular Weight: No information available.
- Solvent content (%): No information available.
- Solid content (%): No information available.
- Density: 1.250 g/cm³.
- VOC (volatile organic compound): No information available.

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Keep from freezing.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Hydrocarbons.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects
Safety Data Sheet

XL 3800
Revision Number 2

Product Information

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

Eye contact
Severely irritating to eyes.

Skin contact
Irritating to skin.

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

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>Limestone</td>
<td>&gt;5000 mg/kg (rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Carbonic acid, magnesium salt (1:1)</td>
<td>&gt;2000 mg/Kg Rat</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-(Dimethylamino)ethanol</td>
<td>= 1803 mg/kg (Rat)</td>
<td>= 1220 mg/kg (Rabbit) = 1370 (Rabbit)</td>
<td>= 1641 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>Quartz 14808-60-7</td>
<td>&gt;2000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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

Symptoms
No information available.

Skin corrosion/irritation
Irritating to skin.

Serious eye damage/eye irritation
Severe eye irritation.

Irritation
No information available.

Corrosivity
No information available.

Sensitization
No information available.

Germ cell mutagenicity
No information available.

Reproductive toxicity
No information available.

Developmental Toxicity
No information available.

Teratogenicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Chronic Toxicity
No information available.

Target Organ Effects
Eyes, Skin.

Aspiration hazard
No information available.

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz 14808-60-7</td>
<td>A2</td>
<td>Group 1</td>
<td>Known</td>
<td>X</td>
</tr>
</tbody>
</table>

ACGIH (American Conference of Governmental Industrial Hygienists)
A2 - Suspected Human Carcinogen

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

NTP (National Toxicology Program)
Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity
### Chemical name

<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>Limestone 1317-65-3</td>
<td>CE50 (72h) ≥200mg/L Algae (Desmondesmus subspicatus)</td>
<td>CL50 (96h)&gt;10000mg/L Fish (Oncorhynchus mykiss)</td>
<td>CE50 (48h) &gt;1000 mg/L Daphnia Magna</td>
<td></td>
</tr>
<tr>
<td>2-(Dimethylamino)ethanol 108-01-0</td>
<td>EC50: =35mg/L (72h, Desmodesmus subspicatus)</td>
<td>LC50: =81mg/L (96h, Pimephales promelas)</td>
<td>EC50: =98.77mg/L (48h, 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.

### Other adverse effects

No information available.

### Section 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

**Disposal of Wastes**

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

**Contaminated packaging**

Dispose of in accordance with federal, state and local regulations.

### Section 14: TRANSPORT INFORMATION

**Note:**

Keep from freezing

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

### Section 15: REGULATORY INFORMATION

**Global Inventories**

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL - Canadian Domestic Substances List
- Listed - The components of this product are either listed or exempt from listing on inventory.
Not Listed - One or more components of this product are not listed on inventory.

United States of America

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

- Acute Health Hazard: Yes
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU
This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation

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)

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

Revision Date 19-JUL-2019
Revision note Not applicable.
Training Advice No information available
Further information No information available

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