Material Safety Data Sheet
Mold Max® Series
MSDS No. 814
Date Of Preparation: August 25, 2014
Revision: 0009

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Mold Max® 10, 10T, 15T, 20, 25, 27T, 30, 40 and XLS II Part A
General Use: Silicone Elastomer
Manufacturer: Smooth-On Inc., 2000 St. John St., Easton PA 18042
Phone (610) 252-5800, FAX (610) 252-6200
Emergency Contact: Chem-Tel
Domestic 800-255-3924
International 813-248-0585

Section 2 - Hazards Identification


Section 3 - Composition / Information on Ingredients

No hazardous ingredients

Section 4 - First Aid Measures

Inhalation: Remove source(s) of contamination and move victim to fresh air.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse.
Ingestion: Do not induce vomiting unless instructed by a physician. Contact physician immediately

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

Flash Point: >300 °F
Flash Point Method: PMCC
LEL: Not Established
UEL: Not Established
Flammability Classification: Non-Flammable
Extinguishing Media: Dry Chemical, Carbon Dioxide, and Foam
Unusual Fire or Explosion Hazards: None
Fire-Fighting Instructions: Fire fighters should wear self-contained breathing apparatus. Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.
Section 6 - Accidental Release Measures

Spill /Leak Procedures: Dike and contain spill; absorb or scrape up excess into suitable container for disposal. Stop or reduce discharge if it can be done safely.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. Use good general housekeeping procedures.

Storage Requirements: Store in cool dry, well-ventilated area.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standard EN 149; wear an MSHA/NIOSH or European Standard EN149 approved respirator.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Viscous Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>off-white viscous liquid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Mild odor</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>None (Polymeric Resin)</td>
</tr>
<tr>
<td>Vapor Density (Air=1):</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1, at 4 °C):</td>
<td>1.2</td>
</tr>
<tr>
<td>Water Solubility:</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>None (Polymeric Resin)</td>
</tr>
<tr>
<td>% Volatile:</td>
<td>Nil</td>
</tr>
<tr>
<td>Freezing/Melting Point:</td>
<td>None (Polymeric Resin)</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>600 poise</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

Stability: These products are stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization can not occur.

Chemical Incompatibilities: Strong bases, and acids.

Hazardous Decomposition Products: Silica, carbon monoxide and carbon dioxide
### Section 11 - Toxicological Information

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye Effects:</strong></td>
<td>Irritation</td>
</tr>
<tr>
<td><strong>Skin Effects:</strong></td>
<td>Irritation</td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong>:</td>
<td>None Determined</td>
</tr>
<tr>
<td><strong>Mutagenicity</strong>:</td>
<td>None Determined</td>
</tr>
<tr>
<td><strong>Teratogenicity</strong>:</td>
<td>None Determined</td>
</tr>
</tbody>
</table>

### Section 12 - Ecological Information

None Established

### Section 13 - Disposal Considerations

**Disposal:** Must be disposed of in accordance with applicable Federal, state and local regulations.

### Section 14 - Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<th>IATA</th>
<th>IMDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

### Section 15 - Regulatory Information

#### United States Regulations

**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

SARA Toxic Chemical (40 CFR 372.65): None

These products do not contain chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

**TSCA Inventory Status (40 CFR710):** All components of this formulation are listed in the TSCA Inventory.

California Proposition 65: These products do not intentionally contain any chemicals which have been identified by the state of California to cause cancer, birth defects or other reproductive harm

#### CANADA Regulations

**WHMIS Identification:** Not controlled

CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): All are Listed

**Labeling according to EEC Directive**

No special packaging or labeling requirements
### Section 16 - Other Information

**Disclaimer:** The information contained in this MSDS is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

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Mold Max® Series
MSDS No. 814
Date Of Preparation: August 25, 2014
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Phone (610) 252-5800, FAX (610) 252-6200
Emergency Contact: Chem-Tel
  Domestic     800-255-3924
  International 813-248-0585

Section 2 - Hazards Identification

Hazard Designations:

Europe

Canada

Information pertaining to particular dangers
R22: Harmful if swallowed.
R36/37/38: Irritating to eyes, respiratory system and skin.
R52/53: Harmful to aquatic organisms may cause long term adverse effects in the aquatic environment.

Classified according to Articles 6 & 7of Directive 1999/45/EC

Section 3 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TWA</th>
<th>OSHA PEL</th>
<th>Hazard Designation</th>
<th>Weight Percent (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Silanes Mixture</td>
<td>None Established</td>
<td>None Established</td>
<td>Xi</td>
<td>20-25</td>
</tr>
<tr>
<td>Dimethyltin dineodecanoate</td>
<td>None Established</td>
<td>None Established</td>
<td>Xn</td>
<td>2-5</td>
</tr>
</tbody>
</table>
  CAS No.: 68928-76-7
  EC No.: 273-028-6

Section 4 - First Aid Measures

Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse; seek medical attention if rash develops.
Ingestion: Do not induce vomiting unless instructed by a physician. Contact physician immediately.
After first aid, get appropriate in-plant, paramedic, or community medical support.
Section 5 - Fire-Fighting Measures

Flash Point: >150°F (65.5°C)  LEL: Not Established  EL: Not Established
Flash Point Method: PMCC
Flammability Classification: Combustible Liquid
Extinguishing Media: Dry Chemical, Carbon Dioxide, and Foam
Unusual Fire or Explosion Hazards: On combustion, silica, tin oxide and carbon dioxide are emitted.

Fire-Fighting Instructions: Fire fighters should wear self-contained breathing apparatus. Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Evacuate area. Eliminate all sources of ignition. Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb on vermiculite Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Reseal partial containers. Use good general housekeeping procedures.

Storage Requirements: Store in cool dry, well-ventilated area.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standard EN 149; wear an MSHA/NIOSH or European Standard EN149 approved respirator. Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas

Protective Clothing/Equipment: Wear chemically protective gloves and aprons to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics
### Section 9 - Physical and Chemical Properties

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<tr>
<th>Property</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Physical State:</td>
<td></td>
</tr>
<tr>
<td>Appearance: Colored liquid</td>
<td></td>
</tr>
<tr>
<td>Odor: Sweet odor</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure: Not Available</td>
<td></td>
</tr>
<tr>
<td>Vapor Density (Air=1): Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1, at 4 °C):</td>
<td>1.0</td>
</tr>
<tr>
<td>Water Solubility: Insoluble</td>
<td></td>
</tr>
<tr>
<td>Boiling Point: &gt;412°F (&gt;211°C)</td>
<td></td>
</tr>
<tr>
<td>% Volatile: Not Available</td>
<td></td>
</tr>
<tr>
<td>Freezing/Melting Point: Not Applicable</td>
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<td>Evaporation Rate: Not Applicable</td>
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### Section 10 - Stability and Reactivity

**Stability:** These products are stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization can not occur.

**Chemical Incompatibilities:** Strong acids, bases, and oxidizers.

**Hazardous Decomposition Products:** Silica, tin oxide carbon monoxide and carbon dioxide.

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### Section 12 - Ecological Information

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### Section 13 - Disposal Considerations

**Disposal:** Must be disposed of in accordance with applicable Federal, state and local regulations.

### Section 14 - Transport Information

<table>
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<tr>
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<th>Classification</th>
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### Section 15 - Regulatory Information

**United States EPA Regulations:**

**US TSCA Inventory Status (40 CFR 710):** All components of this product are listed on the TSCA inventory.

These products do not contain chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

**California Proposition 65:** These products do not intentionally contain any chemicals which have been identified by the state of California to cause cancer, birth defects or other reproductive harm
Section 15 - Regulatory Information (continued)

Canadian Regulations;

WHMIS Identification: **D2A**
CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): **Listed on CDSL**

Labeling according to EEC Directive

<table>
<thead>
<tr>
<th>Risk Phrases</th>
<th>Symbol(s) Required for EU Label</th>
<th>Safety Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R22:</strong> Harmful if swallowed.</td>
<td></td>
<td><strong>S2:</strong> Keep out of reach of children.</td>
</tr>
<tr>
<td><strong>R36/37/38:</strong> Irritating to eyes, respiratory system and skin.</td>
<td></td>
<td><strong>S26:</strong> In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</td>
</tr>
<tr>
<td><strong>R52/53:</strong> Harmful to aquatic organisms may cause long term adverse effects in the aquatic environment</td>
<td>Xi = Irritant</td>
<td><strong>S28:</strong> After contact with skin, wash immediately with plenty of soap-suds.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>S/37/39:</strong> Wear suitable gloves and eye /face protection.</td>
</tr>
</tbody>
</table>

Section 16 - Other Information

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