SAFETY DATA SHEET
SDS No. 7919
Revision Date: 11/7/2018     Version:6.0
GHS Compliant

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier
Trade Name: Smooth-Solv®

1.2 Relevant identified uses of the substance or mixture and uses advised against
General Use: Solvent
Restrictions on Use: None known

1.3 Details of the supplier of the safety data sheet:
Company: Smooth-On, Inc.
5600 Lower Macungie Rd., Macungie, PA 18062
Telephone: Domestic: 1 (877) 706-5303
International: (610) 252-5800 (collect calls accepted)
E-mail address: Visit our website at www.smooth-on.com or email www.sds@smooth-on.com

1.4 Emergency Contact: Chem-Tel Domestic: 800-255-3924 International: 813-248-0585

Section 2 – Hazard(s) Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

H226 Flammable liquid – Category 3
H304 Aspiration hazard – Category 1

2.2 GHS Label elements, including precautionary statements

Pictogram(s):
Signal word: Danger

Physical Hazards
H226 Flammable liquid and vapor

Health Hazards
H304 May be fatal if swallowed and enters airways

General Precautions
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Prevention Statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240   Ground and bond container and receiving equipment.
P241   Use explosion-proof electrical/ventilating/lighting equipment.
P242   Use non-sparking tools.
P243   Take action to prevent static discharges.
P273   Avoid release to the environment.
P280   Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements
P301 + P310  IF SWALLOWED:  Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353  IF ON SKIN (or hair):  Take off immediately all contaminated clothing.  Rinse skin with water or shower.
P331   Do NOT induce vomiting.
P332 + P313  If skin irritation occurs:  Get medical advice/attention.
P370 + P378  In case of fire:  Use Water Fog, Dry Chemical, and Carbon Dioxide Foam to extinguish.
P391   Collect spillage.

Storage Statements
P403 + P235  Store in a well-ventilated place.  Keep cool.
P405   Store locked up.

Disposal Statements
P501   Dispose of contents/container according to local, state and federal laws.

2.3  Hazards not otherwise classified (HNOC) or not covered by GHS – none known

Section 3 - Composition / Information on Ingredients

3.1 Substances/Mixtures
The following ingredients are hazardous according to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus terpenes</td>
<td>5989-27-5</td>
<td>&lt;5%</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>5% - 15%</td>
</tr>
<tr>
<td>Naphtha (Petroleum), hydrotreated heavy</td>
<td>64742-48-9</td>
<td>25% - 35%</td>
</tr>
<tr>
<td>Naphtha (Petroleum), heavy alkylate</td>
<td>64741-65-7</td>
<td>&gt; 50%</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

4.1 Description of 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.
Ingestion
Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed.
None known.

4.3 Indication of any immediate medical attention and specific treatment needed.
None known.

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media
Water Fog, Dry Chemical, and Carbon Dioxide Foam

5.2 Special hazards arising from the substance or mixture
None known.

5.3 Advice for firefighters
Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off “fuel” to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure demand or positive-pressure mode.

Highly flammable. Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing flashback fire danger. Firefighters should consider protective equipment indicated in Section 8. Incomplete combustion products, smoke, fume, oxides of carbon.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely.

6.2 Environmental precautions
Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains or unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. No special environmental precautions required.

6.3 Methods and material for containment and cleaning up
Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely. Follow applicable OSHA regulations (29 CFR 1910.120) for disposal.

6.4 Reference to other sections
See Section 3 for list of Hazardous Ingredients; Sections 8 for Exposure Controls; and Section 13 for Disposal.
Section 7 - Handling and Storage

7.1 Precautions for safe handling
Use good general housekeeping procedures. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

Use only with adequate ventilation. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

7.2 Conditions for safe storage, including any incompatibilities
Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidizers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet local standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

7.3 Specific end use(s)
These precautions are for room temperature handling. Other uses including elevated temperatures or aerosol/spray applications may require added precautions.

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters

Components with workplace control parameters

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
<th>Basis, type</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-butoxyethanol</td>
<td>ACGIH, TWA</td>
<td>20 ppm</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Respiratory Protection
Respiratory protection is not normally required when using this product with adequate local exhaust ventilation. Where risk assessment shows air-purifying respirators are appropriate, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with appropriate filter cartridges as a backup to engineering controls.

Hand Protection
Wearing chemically resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

Eye Protection
Safety glasses with side shields 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.
Other Protective Clothing/Equipment
Additional protective clothing or equipment is not normally required. Chemical/oil resistant clothing is recommended. Provide eye bath and safety shower.

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. Wash thoroughly after handling.

### Section 9 - Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>mild petroleum/solvent</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>N.A. (non-aqueous)</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>117 °F</td>
<td></td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Low / high boiling point</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limits</td>
<td>No date</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limits</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
<td>No date</td>
</tr>
<tr>
<td>Vapor density (Air=1)</td>
<td></td>
<td>No date</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td>No data</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1, at 4 °C)</td>
<td>0.78</td>
<td></td>
</tr>
<tr>
<td>Solubility in water</td>
<td>negligible</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td></td>
<td>No data</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No data</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&lt; 100 centipoise</td>
<td></td>
</tr>
</tbody>
</table>

### Section 10 - Stability and Reactivity

#### 10.1 Reactivity
No hazardous reactions if stored and handled as prescribed/indicated., No corrosive effect on metal. Not fire propagating.

#### 10.2 Chemical stability
These products are stable at room temperature in closed containers under normal storage and handling conditions.

#### 10.3 Possibility of hazardous reactions
Hazardous polymerization cannot occur

#### 10.4 Conditions to avoid
None known

#### 10.5 Incompatible materials
Strong bases and acids

#### 10.6 Hazardous decomposition products
Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

### Section 11- Toxicological Information

#### 11.1 Information on toxicological effects

**Acute Toxicity**
No data

**Skin Corrosion/Irritation**
No data
Serious Eye Damage/Irritation
No data

Respiratory/Skin Sensitization
No data

Germ Cell Mutagenicity
No data available

Carcinogenicity
No component of these products present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIH or NTP.

Reproductive Toxicity
No data

Specific Target Organ Toxicity – Single Exposure
No data

Specific Target Organ Toxicity – Repeated Exposure
No data

Aspiration Hazard
No data

Chronic Exposure
No data

Potential Health Effects – Miscellaneous
No data

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Section 12 - Ecological Information

12.1 Toxicity
No data available

12.2 Persistence and Degradability
No data available

12.3 Bioaccumulative Potential
No data available

12.4 Mobility in Soil
Material is highly volatile, will partition to air. Will not partition to sediment and wastewater solids.

12.5 Results of PBT and vPvB assessment
No data available

12.6 Other Adverse Effects
No data available
Section 13 - Disposal Considerations

13.1 Waste treatment methods
Under Resource Conservation and Recovery Act (RCRA) it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste as defined in 40 CFR Part 261. Waste management should be in full compliance with federal, state and local laws. Regulations may vary in various locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Container disposal
Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

Section 14 - Transport Information

Not Regulated by DOT for quantities less than 119 gallons. Regulated by IATA and IMDG.

<table>
<thead>
<tr>
<th>Land transport (DOT)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number:</td>
<td>1268</td>
<td>1268</td>
</tr>
<tr>
<td>UN proper shipping name:</td>
<td>Petroleum Distillate, n.o.s. (naphtha solvent)</td>
<td>Petroleum Distillate, n.o.s. (naphtha solvent)</td>
</tr>
<tr>
<td>Transport hazard class(s):</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Packing group:</td>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>None Known</td>
<td>None Known</td>
</tr>
<tr>
<td>Special precautions for user:</td>
<td>None known</td>
<td>None known</td>
</tr>
<tr>
<td>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Section 15 - Regulatory Information

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

This product complies with REACH or is not subject to regulation under REACH. The product does not contain an ingredient listed on either the Candidate List or Authorization List for Substances of Very High Concern (SVHC).

In the United States (EPA Regulations)

TSCA Inventory Status (40 CFR710)
All components of this formulation are listed in the TSCA Inventory. No component of this formulation has been determined to be subject to manufacturing or use restrictions under the Significant New Use Rules (SNURs).

CERCLA Hazardous Substance List (40 CFR 302.4)

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
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<tbody>
<tr>
<td>111-76-2</td>
<td>2-butoxyethanol</td>
<td>5% - 15%</td>
</tr>
</tbody>
</table>
SARA 302 Components

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-butoxyethanol</td>
<td>5% - 15%</td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and community Right-to-Know Act of 1986) Sections 311 and 312
Fire, Immediate (Acute), Health.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-butoxyethanol</td>
<td>5% - 15%</td>
</tr>
</tbody>
</table>

California Proposition 65
This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

15.2 Chemical safety assessment
No chemical safety assessment has been carried out for this substance/mixture by the supplier.

16 - Other Information

<table>
<thead>
<tr>
<th>HMIS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>R</td>
<td>0</td>
</tr>
</tbody>
</table>

Revision Date: 11/7/2018 Version: 6.0

Abbreviations and acronyms
ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer
The information contained in this Safety Data Sheet (SDS) 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 Buddy Rhodes Concrete Products, 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.


Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.