



# Safety Data Sheet

SDS No. 402A

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Part A for: EZ-Spray<sup>®</sup> Plastic; FeatherLite<sup>®</sup>; FlexFoam-iT<sup>®</sup> Series; Foam-iT! 3, 4, 5, 10, 15 Plasti-Paste<sup>®</sup> and Plasti-Paste<sup>®</sup> II; Renew<sup>®</sup> Flexible Foam 10# and 25#; Renew<sup>®</sup> Rigid Foam 10#; Shell Shock<sup>®</sup> Fast and Slow; Simpact<sup>®</sup> 60A and 85A; Smooth-Cast<sup>®</sup> 300, 300Q, 305, 310, 320, 321, 322, 385, 45D, 60D, 61D, 65D, 66D, ONYX<sup>®</sup>; StyroCoat<sup>®</sup>; Task<sup>®</sup> 2, 3, 5, 8, 11, 13, 14, 15, 16, 18, 7 FlameOut<sup>®</sup>; Urethane 666; and Smooth-Cast<sup>®</sup> 380 Part B

**General Use:** Polyurethane Elastomer

**Manufacturer:** Smooth-On, Inc.,

5600 Lower Macungie Rd., Macungie, PA 18062

Phone (610) 252-5800, FAX (610) 252-6200

**Emergency Contact:** Chem-Tel

Domestic: 800-255-3924

International: 813-248-0585

## Section 2 - Hazards Identification

### Classification of the substance or mixture

Acute toxicity, inhalation – Category 4

Eye Damage/Irritation – Category 2B

Skin Corrosion/Irritation – Category 1B

Respiratory Sensitization – Category 1

Carcinogenicity – Category 2

Specific target organ toxicity-single exposure – Category 3 (respiratory)

Specific target organ toxicity-repeat exposure – Category 2 (respiratory)

**Pictograms:**



**Signal Word:** Danger

### GHS Label elements, including precautionary statements

|                         |      |                                                                                                    |
|-------------------------|------|----------------------------------------------------------------------------------------------------|
| Health                  | H315 | Causes skin irritation                                                                             |
| Hazards:                | H317 | May cause an allergic skin reaction                                                                |
|                         | H319 | Causes serious eye irritation                                                                      |
|                         | H332 | Harmful if inhaled                                                                                 |
|                         | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled                          |
|                         | H335 | May cause respiratory irritation                                                                   |
|                         | H351 | Suspected of causing cancer.                                                                       |
|                         | H373 | May cause damage to organs (Olfactory organs) through prolonged or repeated exposure (inhalation). |
| 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 Precautions: | P201 | Obtain special instructions before use.                                                            |

|                          |                    |                                                                                                                                  |
|--------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Response<br>Precautions: | P202               | Do not handle until all safety precautions have been read and understood.                                                        |
|                          | P260               | Do not breathe dust/fume/gas/mist/vapors/spray.                                                                                  |
|                          | P261               | Avoid breathing dust/fume/gas/mist/vapors/spray.                                                                                 |
|                          | P264               | Wash skin thoroughly after handling.                                                                                             |
|                          | P271               | Use only outdoors or in a well-ventilated area.                                                                                  |
|                          | P272               | Contaminated work clothing should not be allowed out of the workplace.                                                           |
|                          | P280               | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
|                          | P284               | [In case of inadequate ventilation] wear respiratory protection.                                                                 |
|                          | P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.                                                                                  |
|                          | P304 + P340        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |
| Storage<br>Precautions:  | P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|                          | P308 + P311        | IF exposed or concerned: Call a POISON CENTER or doctor/physician.                                                               |
|                          | P312               | Call a POISON CENTER or doctor/physician if you feel unwell.                                                                     |
|                          | P314               | Get medical advice/attention if you feel unwell.                                                                                 |
|                          | P332 + P313        | If skin irritation occurs: Get medical advice/attention.                                                                         |
| Disposal<br>Precautions: | P362 + P364        | Take off contaminated clothing and wash it before reuse.                                                                         |
|                          | P403 + P233        | Store in a well-ventilated place. Keep container tightly closed.                                                                 |
| Disposal<br>Precautions: | P405               | Store locked up.                                                                                                                 |
|                          | P501               | Dispose of contents/container according to local, state and federal laws.                                                        |

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

### Section 3 - Composition / Information on Ingredients

The following ingredients are hazardous according to OSHA criteria.

| CAS       | Chemical Name                              | Concentration |
|-----------|--------------------------------------------|---------------|
| 101-68-8  | 4,4' Methylene bis(phenylisocyanate) (MDI) | 15% - 35%     |
| 9013-87-9 | Polymethylene polyphenyl isocyanates       | 30% - 60%     |

### 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.

**Ingestion:** Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

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

### Section 5 - Fire-Fighting Measures

**Flammable Classification:** Non-Flammable

**Extinguishing Media:** Water Spray, Dry Chemical, and Carbon Dioxide, Foam

**Unusual Fire or Explosion Hazards:** None known.

**Fire-Fighting Instructions:** 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.

**Further information:** 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.

#### Section 6 - Accidental Release Measures

**Spill /Leak procedures:**

Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment. Only properly protected personnel should remain in the spill area; 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.

**Environmental precautions:**

Do not discharge into drains/surface waters/groundwater.

#### Section 7 - Handling and Storage

**Handling Precautions:** Provide suitable ventilation. Avoid aerosol formation. When handling heated product, vapors of the product should be ventilated, and respiratory protection used. Use good general housekeeping procedures. Wash hands after use.

**Storage Requirements:** 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 OSHA 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.

#### Section 8 - Exposure Controls / Personal Protection

**Components with occupational exposure limits**

|                                            |           |                        |
|--------------------------------------------|-----------|------------------------|
| 4,4' Methylene bis(phenylisocyanate) (MDI) | OSHA PEL  | CLV 0.02 ppm 0.2 mg/m3 |
|                                            | ACGIH TLV | TWA value 0.005 ppm    |
| Polymethylene polyphenyl isocyanates       | OSHA PEL  | CLV 0.02 ppm 0.2 mg/m3 |
|                                            | ACGIH TLV | TWA value 0.005 ppm    |

**Respiratory Protection:** Local exhaust ventilation is required when using this product. Should a respirator be needed, 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 organic vapor cartridges.

**Hand Protection:** Chemical resistant protective gloves should be worn to prevent all skin contact. Suitable materials may include chloroprene rubber, nitrile rubber, chlorinated polyethylene, polyvinylchloride, butyl rubber, depending upon conditions of use.

**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 may be required. 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

|                                              |                                                          |
|----------------------------------------------|----------------------------------------------------------|
| <b>Appearance :</b> amber liquid             | <b>Vapor Pressure:</b> <0.00016 mmHg (68 °F)             |
| <b>Odor/Threshold:</b> Musty odor            | <b>Vapor Density (Air=1):</b> >1                         |
| <b>pH:</b> N.A. (non-aqueous)                | <b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> 1.2 |
| <b>Melting Point/Freezing Point:</b> 37 °F   | <b>Water Solubility:</b> Insoluble                       |
| <b>Low/High Boiling Point:</b> > 390 °F      | <b>Partition coefficient:</b> Not available              |
| <b>Flash Point:</b> >300 °F                  | <b>Auto-ignition temperature:</b> Not available          |
| <b>Evaporation Rate:</b> Not available       | <b>Decomposition temperature:</b> Not available          |
| <b>Flammability:</b> f.p. at or above 200 °F | <b>Viscosity:</b> 600 centipoise                         |
| <b>UEL/LEL:</b> Not available                | <b>% Volatile:</b> Nil                                   |

### Section 10 - Stability and Reactivity

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

**Polymerization:** Polymerization may occur. Reacts with water with formation of carbon dioxide. Risk of bursting.

**Chemical Incompatibilities:** Water (and moisture), amines, strong acids and bases, alcohols.

**Hazardous Decomposition Products:** Thermal oxidative decomposition can produce carbon oxides, nitrogen oxide, hydrogen cyanide, aromatic isocyanates, gases/vapors and traces of incompletely burned carbon compounds.

### Section 11- Toxicological Information

Assessment of irritating effects: irritating to eyes, respiratory system and skin. Skin contact may result in dermatitis, either irritative or allergic.

**Skin Corrosion/Irritation:** Draize test (rabbit): irritating (based on MDI)

**Serious Eye Damage/Irritation:** Draize test (rabbit): irritating (based on MDI)

**Respiratory/Skin Sensitization:**

Buehler test (guinea pig): sensitizing

Mouse Local Lymph Node Assay (LLNA): sensitizing, can cause skin sensitization.

Studies in animals suggest that dermal exposure may lead to pulmonary sensitization.

However, the relevance of this result for humans is unclear.

**Germ Cell Mutagenicity:** no data

**Carcinogenicity:** A carcinogenic potential cannot be excluded after prolonged exposure to severely irritating concentrations. These effects are not relevant to humans at occupational levels of exposure.

IARC 3 – Group 3: not classifiable as to its carcinogenicity to humans (Polymethylene polyphenyl isocyanates)

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive Toxicity:** Repeated inhalation uptake of the substance did not cause damage to the reproductive organs. Assessment of teratogenicity showed that the substance did not cause malformations in animal studies, however toxicity to development was observed at high doses that were toxic to the parental animals.

**Specific Target Organ Toxicity – Single Exposure:** causes temporary irritation of the respiratory tract

**Specific Target Organ Toxicity – Repeated Exposure:** no data

**Aspiration Hazard:** no data

**Acute Toxicity:**

LD50 oral (rat): > 8,000 mg/kg (based on MDI)

LC50 inhalation (rat): >8 mg/l (OECD Guideline 403)

LD50 dermal (rabbit): >37,600 mg/kg (based on MDI)

**Chronic Exposure:** NOAEL: 0.8 mg/m<sup>3</sup>; LOAEL: 4 mg/m<sup>3</sup> (based on MDI)

**Potential Health Effects – Miscellaneous:** no data

## Section 12 - Ecological Information

**Toxicity:**

LC0 (96 h): > 4,000 mg/l, *Brachydanio rerio*

EC50 (24 h): > 4,000 mg/l, *Daphnia magna*

EC0 (72 h): 6,560 mg/l (growth rate), *Scenedesmus subspicatus*

**Persistence and Degradability:** Poorly biodegradable. This product is unstable in water. The elimination data also refer to products of hydrolysis.

**Bioaccumulative Potential:** Significant accumulation in organisms is not to be expected.

Bioconcentration factor > 200 (28 d)

**Mobility in Soil:** Adsorption to solid soil phase is not expected.

**Other Adverse Effects:** The substance will not evaporate into the atmosphere from the water surface.

## Section 13 - Disposal Considerations

**Disposal:** Under 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. Waste management should be in full compliance with federal, state and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore to not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## Section 14 - Transport Information

**DOT**

Not Regulated

**IATA**

Not Regulated

**IMDG**

Not Regulated

## Section 15 - Regulatory Information

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

**EPCRA 311/312 (Hazard Categories):** Acute, Chronic

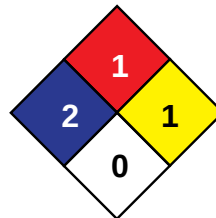
**EPCRA 313:**

| CAS       | Chemical Name                              | Concentration |
|-----------|--------------------------------------------|---------------|
| 101-68-8  | 4,4' Methylene bis(phenylisocyanate) (MDI) | 20% - 30%     |
| 9013-87-9 | Polymethylene polyphenyl isocyanates       | 40% - 50%     |

California Proposition 65: This product does not intentionally contain any chemicals which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.

## 16 - Other Information

| HMIS |   |
|------|---|
| H    | 2 |
| F    | 1 |
| R    | 1 |



NFPA

**Revision:** 1

**Date Prepared:** April 28, 2015

**Glossary:** 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; CLV-Ceiling Limit Value; 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; LEL-Lower Explosion Level; 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; UEL-Upper Explosion Level; 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 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.

This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH).

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.



# Safety Data Sheet

SDS No. 417B

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Part B for: Brush-On® 50; Econ® 60 and 80; EZ-Spray® Plastic; Foam-iT! 4, 4 Black, 5, 8; Plasti-Paste® and Plasti-Paste® II; PMC® 121-30 Dry and Wet, PMC® 770, PMC® 844; Renew™ UR-40; ReoFlex® 20 Dry, 30 Dry and Wet; Shell Shock® Fast and Slow; Smooth-Cast® 305, 310, 321, 322, 385; Task® 5, 18

**General Use:** Polyurethane Elastomer

**Manufacturer:** Smooth-On, Inc.,  
5600 Lower Macungie Rd., Macungie, PA 18062  
Phone (610) 252-5800, FAX (610) 252-6200

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

## Section 2 - Hazards Identification

### Classification of the substance or mixture

Carcinogenicity – Category 2

Reproductive toxicity – Category 1B



**Pictogram(s):**

**Signal Word:** Danger

|                         |             |                                                                            |
|-------------------------|-------------|----------------------------------------------------------------------------|
| Health Hazards:         | H351        | Suspected of causing cancer.                                               |
|                         | H360        | May damage fertility or the unborn child.                                  |
| 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 Precautions: | P201        | Obtain special instructions before use.                                    |
|                         | P202        | Do not handle until all safety precautions have been read and understood.  |
|                         | P280        | Wear protective gloves/protective clothing/eye protection/face protection. |
| Response Precautions:   | P308 + P313 | IF exposed or concerned: Get medical advice/ attention.                    |
| Storage Precautions:    | P405        | Store locked up.                                                           |
| Disposal Precautions:   | P501        | Dispose of contents/container according to local, state and federal laws.  |

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

### Section 3 - Composition / Information on Ingredients

The following ingredients are hazardous according to OSHA criteria.

| CAS        | Component            | Concentration |
|------------|----------------------|---------------|
| 28553-12-0 | Diisononyl phthalate | 5% - 50%      |

### 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.

**Ingestion:** Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

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

### Section 5 - Fire-Fighting Measures

**Flammable Classification:** Non-Flammable

**Extinguishing Media:** Water Fog, Dry Chemical, and Carbon Dioxide Foam

**Unusual Fire or Explosion Hazards:** None known.

**Fire-Fighting Instructions:** 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.

**Further information:** 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.

### Section 6 - Accidental Release Measures

**Spill /Leak procedures:** Only properly protected personnel should remain in the spill area; 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.

**Environmental precautions:** Prevent spillage from entering drains.

### Section 7 - Handling and Storage

**Handling Precautions:** Use good general housekeeping procedures. Wash hands after use.

**Storage Requirements:** 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 OSHA 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.

### Section 8 - Exposure Controls / Personal Protection

**Respiratory Protection:** Should a respirator be needed, 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 organic vapor cartridges.

**Hand Protection:** Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.

**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. 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

**Appearance :** Clear colorless liquid  
**Odor/Threshold:** Mild odor  
**pH:** N.A. (non-aqueous)  
**Melting Point/Freezing Point:** N.A.  
**Low/High Boiling Point:** N.A.  
**Flash Point:** >300 °F  
**Evaporation Rate:** Not available  
**Flammability:** f.p. at or above 200 °F  
**UEL/LEL:** Not available

**Vapor Pressure:** None (Polymeric Resin)  
**Vapor Density (Air=1):** >1  
**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.2  
**Water Solubility:** Insoluble  
**Partition coefficient:** Not available  
**Auto-ignition temperature:** Not available  
**Decomposition temperature:** Not available  
**Viscosity:** 1 – 2 poise  
**% Volatile:** Nil

### 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 cannot occur.

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

**Hazardous Decomposition Products:** Thermal oxidative decomposition can produce carbon oxides and traces of incompletely burned carbon compounds.

### Section 11- Toxicological Information

**Skin Corrosion/Irritation:** no data

**Serious Eye Damage/Irritation:** no data

**Respiratory/Skin Sensitization:** no data

**Germ Cell Mutagenicity:** no data

**Carcinogenicity:** No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

**Reproductive Toxicity:** no data

**Specific Target Organ Toxicity – Single Exposure:** no data

**Specific Target Organ Toxicity – Repeated Exposure:** no data

**Aspiration Hazard:** no data

**Acute Toxicity:**  
LD50 Oral, rat: > 37,000 mg/kg  
LC50 Inhalation, rat (4 h): > 16.3 mg/l  
LD50 Dermal, rabbit: > 11,700 mg/kg

**Chronic Exposure:** no data

**Potential Health Effects – Miscellaneous:** no data

## Section 12 - Ecological Information

### Toxicity:

LC50 (semi-static, 96 h): > 380 mg/l, *Danio rerio*

EC50 (static, 48 h): >270 mg/l, *Daphnia magna*

EC50 (static, 72 h): > 330 mg/l, *Desmodesmus subspicatus*

**Persistence and Degradability:** no data

**Bioaccumulative Potential:** no data

**Mobility in Soil:** no data

**Other Adverse Effects:** no data

## Section 13 - Disposal Considerations

**Disposal:** Under 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. Waste management should be in full compliance with federal, state and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore to not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## Section 14 - Transport Information

**DOT**  
Not Regulated

**IATA**  
Not Regulated

**IMDG**  
Not Regulated

## Section 15 - Regulatory Information

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

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

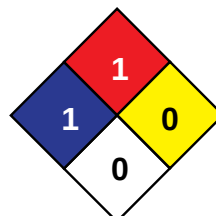
**SARA 313 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

**SARA 311/312 Hazards:** chronic health hazard

California Proposition 65: This product contains chemicals which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.

## 16 - Other Information

| HMIS |   |
|------|---|
| H    | 1 |
| F    | 1 |
| R    | 0 |



**Revision: 1**

**Date Prepared:** April 28, 2015

**NFPA**

**Glossary:** 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; LEL-Lower Explosion Level; 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; UEL-Upper Explosion Level; 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 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.

This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH).

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.