



# Material Safety Data Sheet

## EpoxAmite 100 Resin

MSDS No. 30A

Date Of Preparation: February 8, 2010

Revision: 0001

### Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** EpoxAmite 100 Part A Resin

**Other Designations:** Formulated Epoxy

**General Use:** Laminating, Adhesive and Casting Resin

**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

Not hazardous according to United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Council directive 1999/45/EC and its subsequent amendments.

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### Section 3 - Composition / Information on Ingredients

No hazardous ingredients

### Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air: if breathing is labored seek medical attention.

**Eye Contact:** Flush with water for 15 minutes: seek medical attention

**Skin Contact:** Remove with soap and water: if redness or rash develops seek medical attention: Launder contaminated clothing before reuse.

**Ingestion:** seek medical attention

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

### Section 5 - Fire-Fighting Measures

**Flash Point:** >485 °F (252 °C)

**Flash Point Method:** PMCC

**Flammability Classification:** Non-Flammable

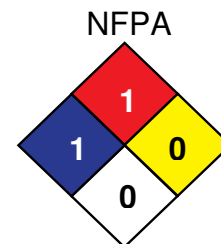
**Extinguishing Media:** Foam, Dry Chemical, and Carbon Dioxide

**Unusual Fire or Explosion Hazards:** None

**Hazardous Combustion Products:** Oxides of Nitrogen and Carbon, Acids and Aldehydes when burned.

**Fire-Fighting Instructions:** 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-face piece operated in pressure-demand or positive-pressure mode.



## Section 6 - Accidental Release Measures

### Spill /Leak Procedures

**Containment:** Dike and contain for later disposal. Do not release into sewers or waterways.

**Cleanup:** Scrape up excess.

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

## Section 7 - Handling and Storage

**Handling Precautions:** Avoid prolonged or repeated skin contact. Use good general housekeeping procedures.

**Storage Requirements:** Store in Closed containers. Use only with adequate ventilation.

## 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

**Physical State:** Liquid

**Appearance and Odor:** Water-White to Yellow; Faint Epoxy Odor

**Vapor Pressure:** None (Polymeric Resin)

**Vapor Density (Air=1):** None (Polymeric Resin)

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.14

**Water Solubility:** negligible

**Boiling Point:** None (Polymeric Resin)

**Freezing/Melting Point:** None (Polymeric Resin)

**Evaporation Rate:** None (Polymeric Resin)

**Viscosity:** 10 poise

## Section 10 - Stability and Reactivity

**Stability:** This product is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization cannot occur.

**Chemical Incompatibilities:** Strong oxidizing agents, strong Lewis or mineral acids.

**Conditions to Avoid:** Mixing with Amines under uncontrolled conditions.

**Hazardous Decomposition Products:** Thermal oxidative decomposition of Epoxy Resin EEW-190 can produce: Oxides of Nitrogen and Carbon, Acids and Aldehydes when burned.

### Section 11- Toxicological Information

**Eye Effects:** Irritation  
**Skin Effects:** Irritation

**Carcinogenicity:** None  
**Mutagenicity:** None Determined  
**Teratogenicity:** None Determined

### Section 12 - Ecological Information

None Determined

### Section 13 - Disposal Considerations

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

### Section 14 - Transport Information

**DOT**  
Not Regulated

**IATA**  
Not Regulated

**IMDG**  
Not Regulated

### Section 15 - Regulatory Information

**EPA Regulations:** This material is not considered a hazardous material.

**RCRA Hazardous Waste Number:** Not listed (40 CFR 261.33): None

**RCRA Hazardous Waste Classification (40 CFR 261):** Not classified

**CERCLA Hazardous Substance (40 CFR 302.4)** unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112

**CERCLA Reportable Quantity (RQ),** None

**SARA 311/312 Codes:** None

**SARA Toxic Chemical (40 CFR 372.65):** None

**SARA EHS (Extremely Hazardous Substance) (40 CFR 355):** Not listed,

**TSCA Inventory Status (40CFR710):** All components of this formula are on the TSCA inventory

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**

**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.

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006/EEC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European Union (EU/EEC) directive 1907/2006/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives