



## **SAFETY DATA SHEET – Part A Cement (Includes All Colors Except Black)**

### **Section 1 - Product and Company Identification**

**Manufactured by:** Kewaunee Scientific Corporation  
PO Box 1842 – Statesville, NC 28687-1842  
2700 West Front Street – Statesville, NC 28677  
Telephone: 704-873-7202  
Emergency Telephone (Chemtrec): 1-800-424-9300

**Date of Preparation:** May 27th, 2015

**Product Name:** Part A Cement (Includes All Colors Except Black)

**Product Class:** Epoxy Adhesive

### **Section 2 - Hazards Identification**

**GHS Classification:**

Skin Irritation – Category 2

Eye Irritation – Category 2A

**Symbols:**



**Signal Word:**

Warning

**Hazard Statements:**

May be harmful in contact with skin and eyes

**Precautionary Statements:**

Wear protective clothing for eyes and hands.

Wash with soap and water immediately after handling

## **Section 3 - Composition/Information on Ingredients**

<b>CAS #</b>	<b>Component</b>	<b>Percent</b>
025068-38-6	Epoxy Resin	15-100%

## **Section 4 - First Aid Measures**

**Eyes:**

Flush eyes with running water for 15 minutes if irritation develops. If irritation continues, contact a physician.

**Inhalation:**

Remove to fresh air until symptoms clear. Contact a physician if irritation continues or worsens.

**Ingestion:**

Do not induce vomiting, contact a physician.

**Skin:**

Clean skin with soap and water. If irritation continues, contact a physician

## **Section 5 - Fire Fighting Measures**

Thermal decomposition products may include and are not limited to phenolics, carbon monoxide and carbon dioxide.

**Extinguishing media:**

Water fog, dry chemical, carbon dioxide or foam.

**Special Fire Fighting Procedures:**

Use SCBA and appropriate personal protective equipment. Keep cool with water.

## **Section 6 - Accidental Release Measures**

### **Spill/Leak Procedures:**

Isolate area. Keep all unprotected and untrained personnel away from spill area. Care should be taken to keep spills out of sewers and waterways. Absorb with inert material; collect in suitable containers and dispose of according to local regulations.

## **Section 7 - Handling and Storage**

### **Handling procedures:**

Use good general housekeeping and wash hands after use. Use in only in well ventilated areas. Personal protective equipment should be worn as described in Exposure Controls/Personal Protection section.

### **Storage procedures:**

Keep containers tightly closed when not in use. Store only in well ventilated areas. Keep away from extreme heat.

## **Section 8 - Exposure Controls/Personal Protective Equipment**

### **Engineering measures:**

Use only in adequately ventilated areas.

### **Personal Protective Equipment: Respiratory**

Respiratory protection should not be needed when used in areas with adequate ventilation.

### **Personal Protective Equipment: Hands**

Most impervious gloves should be adequate including butyl rubber or neoprene.

### **Personal Protective Equipment: Eyes**

ANSI Z87 rated safety glasses or goggles should be worn.

### **Personal Protective Equipment: Skin and Body**

Other protective clothing is not normally required.

### **Other:**

Wash hands and other exposed body parts after handling and especially before eating, drinking or using the toilet. Remove contaminated clothing immediately and launder before reuse.

## **Section 9 - Physical and Chemical Properties**

**Appearance:** Paste of varying color

**Odor:** Mild

**Specific Gravity:** 1.16

**Vapor Pressure:** NA

**Vapor Density:** NA

**Boiling Point:** NA

**Solubility:** Insoluble

**pH:** NA

**Melting Point:** NA

**Flash Point:** 485 Fahrenheit

**Evaporation Rate:** NA

**Upper/Lower Explosion Limits:** NA

**Auto-ignition Temperature:** Unknown

**Decomposition Temperature:** Unknown

**Viscosity:** Paste

## **Section 10 - Stability and Reactivity**

**Reactivity:**

Stable

**Chemical Stability:**

Stable. Hazardous polymerization will not occur by itself but can be catalyzed by addition of an aliphatic amine.

**Other:**

Avoid strong acids, bases, amines and oxidizing agents.

## **Section 11 - Toxicological Information**

**Acute Toxicity:** Oral (LD50/Rat): 5,000 mg/kg

Dermal (LD50/Rabbit): 20,000 mg/kg

**Skin Corrosion/Irritation:** May cause irritation if in contact with skin

**Eye Damage/Irritation:** May cause irritation if in contact with eyes

**Skin Sensitization:** No skin sensitization data has been reported

**Mutagenicity:** No mutagen data has been reported

**Carcinogenicity:** No carcinogen data has been reported

**Reproductive Toxicity:** No reproductive data has been reported

**STOT (Single Exposure):** No STOT data has been reported

**STOT (Repeated Exposure):** No STOT data has been reported

**Aspiration Hazard:** No aspiration data has been reported

## **Section 12 - Ecological Information**

**Toxicity:**

Material is moderately toxic to marine animals on an acute basis (LC50 between 1 and 10 mg/L in most sensitive species).

**Persistence and Degradability:**

No data available

**Bioaccumulative Potential:**

No data available

**Mobility in Soil:**

No data available

## **Section 13 - Disposal Information**

This material should not be disposed of on the ground, in sewers or in waterways. It is to be disposed of according to local regulations.

## **Section 14 - Transportation Information**

**Proper Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN Identification Number:** Not applicable

**Packing Group:** Not applicable

**DOT Label Required:** Not applicable

**ERG Number:** Not applicable

## **Section 15 - Regulatory Information**

**TSCA Inventory Status:** All components are listed in the TSCA inventory

**SARA 311/312:** Acute Health Hazard

**SARA 313 Components:** Contains no materials subject to the reporting requirements.

## **Section 16 – Other Information**

### **Glossary:**

**ACGIH**-American Conference of Governmental Industrial Hygienists; **ANSI**-American National Standards Institute; **CAS**-Chemical Abstract Service; **Chemtrec**-Chemical Transportation Emergency Center (US); **EPCRA**-Emergency Planning and Community Right-To-Know Act; **GHS**-Globally Harmonized System of Classification and Labeling of Chemicals; **HMIS**-Hazardous Material Information Service; **IARC**-International Agency for Research on Cancer; **LC**-Lethal Concentration; **LEL**-Lower Explosion Level; **NFPA**-National Fire Protection Association; **NIOSH**-National Institute of Occupational Safety and Health; **NTP**-National Toxicology Program; **OSHA**-Occupational Safety and Health Administration, US Dept. of Labor; **PEL**-Permissible Exposure Limit; **SARA** (Title III)-Superfund Amendments and Reauthorization Act; **SCBA**-Self-Contained Breathing Apparatus; **STEL**-Short Term Exposure Limit; **STOT**-Specific Target Organ Toxicity; **TLV**-Threshold Limit Value; **TSCA**-Toxic Substances Control Act; **TWA**-Time Weighted Value; **UEL**-Upper Explosion Level

Information presented has been compiled from sources considered dependable, and is accurate to the best of our knowledge. No warranty, either expressed or implied, is made regarding the accuracy of any of the information contained herein. The product user assumes responsibility for use or misuse of the product.



# Safety Data Sheet

SDS No. 250B

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** PC®-B  
**General Use:** Epoxy Adhesive  
**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

Skin irritant – Category 3  
Eye irritant – Category 2B  
Chronic Aquatic Hazard – Category 2



**Pictograms:**

**Signal word:** Warning

### GHS Label elements, including precautionary statements

Health Hazards:	H302	Harmful if swallowed
	H320	Causes eye irritation
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:	P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
	P264	Wash skin with soap and water thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P272	Contaminated work clothing should not be allowed out of the workplace.
Response Precautions:	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P301 + P312	IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.

	P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P330	Rinse mouth.
	P337 + P313	If eye irritation persists: Get medical advice/attention.
Disposal Precautions:	P501	Dispose of contents/container according to applicable federal, state and local regulations

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

### Section 3 - Composition / Information on Ingredients

The following ingredients are hazardous according to OSHA criteria.

CAS	Component	Concentration
112-57-2	Tetraethylene Pentamine	1% - 3%
90-72-2	2,4,6 Tri(dimethyl)phenol	1% - 3%

### 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:**

No special environmental precautions required.

**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:** Respiratory protection is not normally required when using this product with adequate ventilation. 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:** Should hand protection be needed, 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 :** tan paste

**Odor/Threshold:** ammonia odor

**pH:** N.A. (non-aqueous)

**Melting Point/Freezing Point:** N.A.

**Low/High Boiling Point:** N.A.

**Flash Point:** >485 °F

**Evaporation Rate:** Not available

**Flammability:** f.p. at or above 200 °F

**UEL/LEL:** Not available

**Vapor Pressure:** <1 at 77 °F

**Vapor Density (Air=1):** Not available

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.5

**Water Solubility:** negligible

**Partition coefficient:** Not available

**Auto-ignition temperature:** Not available

**Decomposition temperature:** Not available

**Viscosity:** paste

**% 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 data

**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:** no data

**Chronic Exposure:** no data

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

### Section 12 - Ecological Information

**Toxicity:** no data

**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**

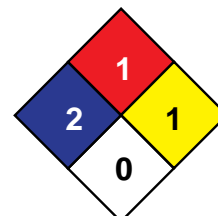
### Section 15 - Regulatory Information

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

**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:** 10

**Date Prepared:** April 1, 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; 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.