



## ABATRON, INC.

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24 Hour Emergency No: (800) 424-9300

# Material Safety Data Sheet

## SECTION 1: Product Identification

**Product Name:** PrimKote 8006-1 Part A  
**Product Class:** Epoxy Resin Solution

**Product Code:** 8006-1A

**Manufacturer/Supplier:** Abatron Incorporated  
5501 95<sup>th</sup> Ave., Kenosha WI, 53144  
Phone: 262-653-2000

**Effective Date:** October 9, 2013

**Telephone:** For 24 Hour Emergency Assistance  
Call CHEMTREC (800) 424-9300

## SECTION 2: Hazard Identification

**Material Classification:** Classified by OSHA 29CFR 1910.1200 as a Hazardous Material

### **Emergency Overview:**



Warning! Causes eye irritation and may cause skin, nose and throat irritation. Material includes substance suspected of causing cancer. May cause respiratory irritation, central nervous system impairment, dizziness, headache and narcosis. May cause damage to kidney and liver through prolonged or repeated exposure. Flammable liquid and vapor.

## SECTION 3: Composition/Ingredient Information

**Composition:** Trade secret. Proprietary Epoxy Prepolymers, Aromatic and Ketone solvents.

## SECTION 4: First-Aid Measures

**Eye Contact:** Causes eye irritation. Check for and remove contact lenses. Immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

**Skin Contact:** May cause mild skin irritation, dry skin and may be a skin sensitizer. Wash area with large amounts of water, and soap, if available, for 15 minutes. If sticky, use a waterless cleaner first. Remove contaminated clothing and shoes. Wash clothing and clean shoes before reuse. Get medical attention immediately.

**Inhalation:** Irritation to the respiratory tract, dizziness, headache, narcosis and central nervous system impairment may occur. Remove to fresh air if effects occur and contact medical personnel immediately.

If person is not breathing or breathing is irregular, provide oxygen with the aid of trained medical personnel only. If unconscious, place in recovery position. Loosen tight clothing such as a collar, tie, belt or waistband.

**Ingestion:** May cause throat, and nose irritation. Aspiration hazard if swallowed, can enter lungs and cause damage. Do not induce vomiting unless told to by trained medical personnel. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### **SECTION 5: Fire-Fighting Measures**

**Flash Point:** 131°F(55°C)

**Flammable Limits (STP In Air)**

**Method Used:** ASTM D3278-96

**LFL:**N/A      **UFL:** N/A

**Extinguishing Media:** Dry Chemical, CO<sub>2</sub>, water spray (fog) or foam. DO NOT use water jet/solid water stream.

**Specific Hazards and Procedures:** Clear fire area of all non-emergency personnel. Do not take any action involving any personal risk without suitable training. If able, move containers from fire area. Water spray may be used to cool off surrounding containers. Can create CO and CO<sub>2</sub>. Flammable vapors may be released below normal ambient temperatures. When mixed with air and exposed to an ignition source, vapors can burn in open or explode if confined. Flammable vapors may be heavier than air and travel long distances along the ground before igniting and flashing back to vapor source.

**Specific Fire Fighting Equipment:** Appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode. Protective clothing may only provide limited protection.

### **SECTION 6: Accidental Release Measures**

**Personal Protective Measures:** Use appropriate safety equipment. Flammable. Keep people away from and upwind of spill/leak. Turn off and remove all sources of ignition. Do not breathe vapors or spray mist. Do not walk through or touch the spilled material.

**Clean Up/Disposal Method:** All equipment used when handling must be grounded. Mop, wipe, or soak in absorbent material, dry earth, sand or other non-combustible material. Transfer into containers. Use clean, non-sparking tools to collect absorbed material. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors, but may not prevent ignition in closed spaces. Dispose of as hazardous waste.

### **SECTION 7: Handling and Storage**

**Precautions:** Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure-obtain special instructions before used. Avoid exposure during pregnancy. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in used. Use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical equipment and non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during

transfer by grounding and bonding containers and equipment before transferring material. Material may attack some forms of plastics, rubbers and coatings. Empty containers retain product residue and can be hazardous. Do not reuse container..

**Storage Information:** Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated areas, away from incompatible materials, food and drink. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. This material may attack some forms of plastics, rubber and coatings.

## **SECTION 8: Exposure Controls/Personal Protection**

### **Occupational Exposure Limits:**

OSHA (PEL/TWA) 2-methylpropan-2-ol (CAS # 75-65-0): 100ppm  
4-methylpentan-2-one (CAS # 108-10-1): 100ppm (PEL), 50ppm (TWA)  
Acetone (CAS# 67-64-1): 1000ppm (PEL), 750ppm (TWA)  
Tert-butyl acetate (CAS# 540-88-5): 200 ppm  
Xylene (CAS# 1330-20-7): 100ppm

ACGIH (TLV/TWA) 2-methylpropan-2-ol (CAS # 75-65-0): 100ppm  
4-methylpentan-2-one (CAS # 108-10-1): 50ppm  
Acetone (CAS# 67-64-1): 200ppm  
Tert-butyl acetate (CAS# 540-88-5): 200 ppm  
Xylene (CAS# 1330-20-7): 150ppm

**Engineering Controls:** N/A

### **Personal Protective Equipment**

**Respiratory:** NIOSH approved organic type.

**Skin Protection:** Clean body-covering clothing, disposable, chemical resistant gloves.

**Eye Protection:** Splash goggles or safety glasses with side-shields.

**Other:** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling product.

## **SECTION 9: Physical and Chemical Properties**

**Appearance:** Clear, light straw-yellow liquid

**Odor Threshold:** NA

**Melting Point/Freezing Point:** NA

**Flash Point:** 131°F(55°C)

**Explosive Limits:** LEL:1.2 UEL:6.7

**Vapor Pressure:** 25 mmHg

**Specific Gravity:** 0.84-0.89

**Partition Coefficient:** NA

**Decomposition Temperature:** NA

**Odor:** N/A

**pH:** ~3.0

**Boiling Point:** N/A

**Evaporation Rate:** N/A

**Flammability Limits:** N/A

**Vapor Density (Air = 1):** N/A

**Solubility:** None

**Auto-Ignition Temp.:** NA

**Viscosity:** 2.7-16.7 cps

**SECTION 10: Stability and Reactivity**

**Stability:** Stable under normal conditions of use.

**Incompatibility:** Mineral acid such as nitric and sulfuric, strong oxidizing agents, alkalis, and halogenated compounds.

**Hazardous Decomposition Products:** May produce isobutylene and acetic acid under hot, acidic conditions. May produce carbon oxides.

**Hazardous Polymerization:** Will most likely not occur.

**SECTION 11: Toxicological Information**

**Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion.

**Primary Symptoms:** May cause irritation to the eye and the respiratory system, nose, throat and skin.

**Effects of Overexposure:** Irritation to the liver, kidney and nervous system may occur. Central nervous system depression as well as dizziness and headache may also occur. Possible Narcosis may occur.

**Acute Toxicity**

**Oral LD50 (Rat):** 4406 mg/kg

**Dermal LD50 (Rabbit):** 2934mg/kg

**Carcinogenicity:** 4-methylpentan-2-one (CAS#108-10-1) is classified by IARC as 2B, possibly carcinogenic to humans. This classification is based on no evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in animals.

**SECTION 12: Ecological Information**

**Ecotoxicity:** No data is available on the product itself.

**Persistence/Degradability:** No data available.

**Bioaccumulation:** No data is available on the product itself.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

**SECTION 13: Disposal Considerations**

**Waste Disposal:** All disposals must be in accordance with Federal, State and Local laws and regulations.

**SECTION 14: Transportation Information****DOT/IATA:**

**Proper Shipping Name:** Flammable Liquid N.O.S.(Tert-butyl acetate, acetone)

**Hazardous Class:** 3

**ID Number:** UN1993

**Packing Group:** III

**Marine Pollutant:** N/A

**Special Precautions:** N/A

**SECTION 15: Regulatory Information**

**HCS Classification:** Classified by OSHA 29CFR 1910.1200 as a Hazardous Material.

**TSCA Status:** All of the materials in this product comply and are not subject to TSCA 12(b) reporting.

**SARA 311/312 Class:** Material contains one or more substances classified as a fire hazard, acute health hazard and delayed health hazard.

**SARA 313:** The following materials can be found on the SARA 313 Toxic Release Inventory list:

<b>Hazardous Substance and Ingredients</b>		
<i>Name</i>	<i>CAS #</i>	<i>Concentration</i>
2-methylpropan-2-ol	75-65-0	<0.3%
4-methylpentan-2-one	108-10-1	<8.1%
Xylene	1330-20-7	<3.5%

**Other Regulations:** Material contains a substance listed as a carcinogen under California Prop 65.

**SECTION 16: Other Information**

**Created:** January 15, 2007

**Last Updated:** October 9, 2013

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# Material Safety Data Sheet

### SECTION 1: Product Identification

**Product Name:** PrimKote 8006-1 Part B  
**Product Class:** Curing Agent

**Product Code:** 8006-1B  
**Product Type:** Polyamines

**Manufacturer/Supplier:** Abatron Incorporated  
5501 95<sup>th</sup> Ave., Kenosha WI, 53144  
Phone: 262-653-2000

**Effective Date:** October 9, 2013

**Telephone:** For 24 Hour Emergency Assistance  
Call CHEMTREC (800) 424-9300

### SECTION 2: Hazard Identification

**Material Classification:** Classified by OSHA 29CFR 1910.1200 as a Hazardous Material

#### **Emergency Overview:**



Clear, light straw-yellow liquid. WARNING! Causes skin, eye and respiratory irritation. Harmful if swallowed. Material contains substance listed as a suspected carcinogen. May cause kidney damage through prolonged or repeated exposure. DANGER! Highly flammable liquid.

### SECTION 3: Composition/Ingredient Information

**Composition:** Trade secret. Polyamides, Aromatic and Ketone solvents

### SECTION 4: First-Aid Measures

**Eye Contact:** Causes eye irritation and burns. If easy to do, remove contacts. Irrigate with flowing water immediately for 20 minutes or longer, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Seek medical attention immediately

**Skin Contact:** Causes skin irritation and may cause dry skin. Flush skin with water or soap and water. Wash clothing before reuse. If irritation should develop, seek medical attention.

**Inhalation:** May produce symptoms of respiratory irritation, euphoria, or central nervous depression including headache, fatigue, dizziness, nausea, loss of balance and drowsiness, Vapors can reduce the oxygen content in air, and oxygen deprivation is possible if working in confined spaces. Remove person

to fresh air if effects occur. If not breathing, artificial respiration can be provided by trained personnel. If breathing is difficult, give oxygen. Keep victim warm. Breathing in vapors for a few minutes may be fatal. To prevent aspiration, keep head below knees. Get immediate medical attention.

**Ingestion:** Can be readily absorbed by the stomach and intestinal tract. May cause damage to the lining of the gastrointestinal tract. Symptoms may include a burning sensation of the mouth and esophagus, nausea, vomiting and dizziness. There is a danger of aspiration into the lungs during vomiting, which can result in severe lung damage or death. Call physician immediately. If spontaneous vomiting occurs, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down. Never give anything by mouth to a person who is not fully conscious. Do not leave victim unattended. Do not induce vomiting.

### **SECTION 5: Fire-Fighting Measures**

**Flash Point:** 78°F (25.6°C)

**Flammable Limits (STP In Air)**

**Method Used:** ASTM D3278-96

**LFL:**N/A      **UFL:** N/A

**Extinguishing Media:** Water (fog), dry chemical, foam or CO<sub>2</sub>.

**Specific Hazards and Procedures:** Do not expose body. Flammable and toxic vapors caused by fire. Vapors/dust may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. May produce carbon oxides and peroxides of unknown stability. Empty containers retain product and can be dangerous. Sealed containers may build up pressure and explode upon heat exposure. Water can be used to cool container.

**Specific Fire Fighting Equipment:** Full protective clothing. Use self-contained breathing apparatus. Use water with caution. Water runoff may cause environmental damage.

### **SECTION 6: Accidental Release Measures**

**Personal Protective Measures:** Use appropriate safety equipment. Avoid contact with liquid. Avoid breathing vapors. Do not touch or walk through spilled material.

**Clean Up/Disposal Method:** Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Avoid runoff into storm sewer and ditches which lead to waterway. Ventilate spill area. Stay upwind of spill. A vapor suppressing foam may be used to reduce vapors. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material, then place in a chemical waste container. Dispose of as hazardous waste.

### **SECTION 7: Handling and Storage**

**Precautions:** Practice good caution and personal cleanliness to avoid eye and skin contact. Avoid breathing vapors if generated. Turn off and avoid sources of ignition. Provide sufficient ventilation in work rooms. Wear personal protective equipment. Take precautionary measure against static discharge. Ensure all equipment is electrically grounded before beginning transfer operations. Use explosive proof equipment. Always open containers slowly to allow any excess pressure to vent.

**Storage Information:** Store in tightly closed, properly labeled containers in cool, ventilated area. Keep container closed when not in use. Keep away from heat and sources of ignition. Protect from direct sunlight. Material contains a substance that is a static accumulator which has the potential of forming ignitable vapor-air mixtures in storage tanks.

**SECTION 8: Exposure Controls/Personal Protection****Occupational Exposure Limits:**

OSHA (PEL/TWA) 1-methoxy-2-propanol (CAS# 107-98-2):100ppm  
Acetone (CAS# 67-64-1): 1000ppm (PEL), 750ppm (TWA)  
Ethyl Benzene (CAS# 100-41-4): 100ppm  
Xylene (CAS# 1330-20-7): 100ppm

ACGIH (TLV/TWA) 1-methoxy-2-propanol (CAS# 107-98-2): 100ppm  
Acetone (CAS# 67-64-1): 200ppm  
Ethyl Benzene (CAS# 100-41-4): 20ppm  
Xylene (CAS# 1330-20-7): 100ppm

**Engineering Controls:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Use explosion proof equipment.

**Personal Protective Equipment**

**Respiratory:** NIOSH/MSHA approved positive pressure self-contained breathing apparatus.

**Skin Protection:** Clean body-covering clothing, disposable plastic or rubber gloves. Disposable containers and paper in work area.

**Eye Protection:** Safety glasses with side shields or tight fitting goggles, and a face mask.

**Other:** Do not eat, drink or smoke when using this product. Avoid breathing vapors. Wash thoroughly after handling. Wash hands before eating.

**SECTION 9: Physical and Chemical Properties**

**Appearance:** Clear, light straw-yellow liquid

**Odor Threshold:** NA

**Melting Point/Freezing Point:** NA

**Flash Point:** 78°F (25.6°C)

**Explosive Limits:** LEL:1 UEL:7

**Vapor Pressure:** N/A

**Specific Gravity:** 0.82-0.90

**Partition Coefficient:** NA

**Decomposition Temperature:** NA

**Odor:** Solvent

**pH:** 6.5

**Boiling Point:** N/A

**Evaporation Rate:** N/A

**Flammability Limits:** N/A

**Vapor Density (Air = 1):** N/A

**Solubility:** Very slight

**Auto-Ignition Temp.:** NA

**Viscosity:** 3.3-14.5 cps

**SECTION 10: Stability and Reactivity**

**Stability:** Stable under normal conditions of use.

**Incompatibility:** Avoid contact with strong oxidizing agents, acids, halogenated compounds and alkalis.

**Hazardous Decomposition Products:** May produce carbon oxides, toxic fumes/gases during burning or thermal decomposition, or peroxides of unknown stability.

**Hazardous Polymerization:** Will most likely not occur.



**SECTION 11: Toxicological Information**

**Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion.

**Primary Symptoms:** May cause irritation to the eye and the respiratory system, nose, throat and skin, narcosis, and central nervous system depression.

**Effects of Overexposure:** Irritation to eyes and upper respiratory tract may occur, as well as damage to the kidney, cochlear impairment and central nervous system impairment. Breathing in vapors for a few minutes may be fatal. May be fatal if swallowed.

**Acute Toxicity**

**Oral LD50 (Rat):** 5456 mg/kg

**Dermal LD50 (Rabbit):** 23219 mg/kg

**Carcinogenicity:** Ethyl Benzene(CAS# 100-41-4) is listed by the IARC as class 2B (possibly carcinogenic to humans) carcinogen. This claim is based on sufficient data in animals, however there is inadequate data in humans.

**SECTION 12: Ecological Information**

**Ecotoxicity:** No data is available on the product itself.

**Persistence/Degradability:** No data available.

**Bioaccumulation:** No data is available on the product itself.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

**SECTION 13: Disposal Considerations**

**Waste Disposal:** All disposals must be in accordance with Federal, State and Local laws and regulations.

**SECTION 14: Transportation Information****DOT/IATA:**

<b>Proper Shipping Name:</b>	Flammable Liquid N.O.S.(Acetone, Glycol Ether PM)
<b>Hazardous Class:</b>	3
<b>ID Number:</b>	UN1993
<b>Packing Group:</b>	III
<b>Marine Pollutant:</b>	N/A
<b>Special Precautions:</b>	N/A

**SECTION 15: Regulatory Information**

**HCS Classification:** Classified by OSHA 29CFR 1910.1200 as a Hazardous Material.

**TSCA Status:** All of the materials in this product comply and are not subject to TSCA 12(b) reporting.

**SARA 311/312 Class:** Material contains one or more substances classified as a fire hazard, acute health hazard and chronic health hazard.

**SARA 313:** The following materials can be found on the SARA 313 Toxic Release Inventory list:

<b>Hazardous Substance and Ingredients</b>		
<i>Name</i>	<i>CAS #</i>	<i>Concentration</i>
Ethyl Benzene	100-41-4	<2%
Xylene	1330-20-7	<9%

**Other Regulations:** Material contains a substances listed under Washington State's Chemicals of High Concern to Children (CHCC), and under California Prop 65 as a carcinogen.

**SECTION 16: Other Information**

**Created:** January 15, 2007

**Last Updated:** October 9, 2013

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