



## ABATRON, INC.

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24 Hour Emergency No: (800) 424-9300

# Safety Data Sheet

### SECTION 1: Product Identification

**Product Name:** Abocast 8508-3

**Product Code:** 8508-3A

**Product Class:** Filled Epoxy Compounds

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

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

### SECTION 2: Hazard Identification

**Emergency Overview: Warning! Irritant.** Causes respiratory tract irritation. Causes skin irritation. Causes serious eye irritation. May cause allergic skin reaction.



**Primary Routes of Entry:** Eye and skin contact, breathing vapors.

#### **Symptoms of Exposure**

**Eye Contact:** Contact causes serious eye irritation, redness and tearing. Elevated temperatures may generate sufficient vapor levels to cause eye irritation.

**Skin Contact:** Material is irritating to skin and can lead to redness, dryness and increased skin sensitization. Exposure is not likely to result in absorption in harmful amounts.

**Inhalation:** Large amounts of vapor from heated material may cause upper respiratory tract irritation. Vapor irritation not likely a problem at room temperature.

**Ingestion:** Not harmful under normal conditions of use. Ingestion in large amounts may cause injury.

**Effect of Over-exposure:** Respiratory tract irritation and coughing. Pre-existing skin disorders may be aggravated by over-exposure.

**Chronic and Other Health Effects:** None known.

### SECTION 3: Composition/Ingredient Information

**Composition:** Trade secret.

### SECTION 4: First-Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes and check for and remove contacts. Hold eyelids apart to rinse entire eye surface. Seek medical attention if irritation persists. Continue washing if medical attention is not immediately available.

**Skin Contact:** Wipe off excess immediately and wash affected area with soap and water. Remove contaminated clothing or shoes and seek medical attention if irritation persists. Continue washing if irritation persists.

**Inhalation:** If inhaled, remove victim to fresh air and consult medical personnel immediately. If person is not breathing or breathing is irregular, provide oxygen with the aid of trained personnel only. If unconscious, place in recovery position and seek medical attention immediately.

**Ingestion:** Wash out mouth with small amounts of water and remove person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention immediately. If unconscious, place in recovery position. Never give anything by mouth to an unconscious person.

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

**Flash Point:** >250 °F (>121 °C)

**Method Used:** ASTM D92-96, TOC

**Flammable Limits (STP In Air)**

**LFL:** Not Deter.      **UFL:** Not Deter.

**Extinguishing Media:** Alcohol-resistant foam, CO<sub>2</sub>, and dry chemicals.

**Specific Hazards and Procedures:** Remove all persons from the vicinity. Burning material may generate large amounts of vapor and produce noxious and toxic fumes and gases.

**Specific Fire Fighting Equipment:** Firefighters should wear a Self-Contained Breathing Apparatus and personal protective clothing.

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

**Personal Protective Measures:** Provide adequate ventilation and avoid all personnel contact. Wear adequate protective clothing. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Wear an appropriate respirator when ventilation is inadequate. Use appropriate safety equipment before taking any action.

**Clean Up/Disposal Method:** Remove container from spill area and scrape up material and place in appropriate waste disposal container. Remove residual resin with non-flammable solvent and flush contaminated area with hot water. Do not dump waste into any sewers, on the ground or into any body of water. Avoid dispersal of spilled material and runoff. All disposal methods must be compliant with all Federal, State, and local laws and regulations.

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

**Precautions:** Do not get in eyes, on skin or on clothing. Avoid any forms of ingestion. Do not breathe vapor, mist or spray. Use only with good ventilation or use suitable respiratory protection. Wear suitable protective clothing. Remove contaminated clothing and wash before reuse. Destroy contaminated

leather. Wash thoroughly after handling. Do not eat or drink in areas where material is stored or in use. Wash hands and face before eating or drinking after using this product.

**Storage Information:** Store in tightly sealed, original container in a cool, dry place. Keep container sealed until use.

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

#### **Occupational Exposure Limits:**

OSHA	PEL/TWA	None Available
ACGIH	TLV/TWA	None Available

**Engineering Controls:** Good general mechanical ventilation and local exhaust are recommended. If user operations generate vapor, process enclosures or local exhaust may be necessary.

#### **Personal Protective Equipment**

**Respiratory:** If local exhaust ventilation is inadequate, use a properly fitted, air-purifying mask suitable to the level of anticipated exposure.

**Skin Protection:** Wear protective clothing suitable to the conditions of use. Clean, body-covering clothing and protective gloves should be worn at all times when handling the product.

**Eye Protection:** Use properly fitted safety glasses. If vapor exposure causes eye or respiratory tract discomfort, a full-face respirator may be necessary.

**Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands, forearms, and face thoroughly after using the material.

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

**Appearance:** Pigmented liquid in several colors

**Odor Threshold:** NA

**Melting Point/Freezing Point:** NA

**Flash Point:** >250 °F (>121 °C)

**Flammability:** NA

**Vapor Pressure:** NA

**Specific Gravity:** 1.6-1.7

**% Volatile by Vol:** <0.1

**Decomposition Temperature:** NA

**Odor:** Almost no odor

**pH:** NA

**Boiling Point:** >300 °F (>148 °C)

**Evaporation Rate:** NA

**Explosive Limits:** NA

**Vapor Density (Air = 1):** NA

**Solubility In Water:** None

**Auto-Ignition Temp.:** NA

**Viscosity:** ~141,000cPs

### **SECTION 10: Stability and Reactivity**

**Stability:** Stable under normal conditions. Prolonged excessive heat may cause partial degradation.

**Incompatibility:** Avoid contact with strong oxidizing materials, strong acids and strong bases.

**Hazardous Decomposition Products:** None under normal circumstances.

**Hazardous Polymerization:** Will not occur by itself, but masses of more than 3-5 lbs of product plus an amine may cause an irreversible reaction with considerable heat buildup.

## **SECTION 11: Toxicological Information**

**Routes of Exposure:** Skin contact, eye contact, vapor inhalation.

**Primary Symptoms:** Product is a serious eye irritant. Causes skin irritation and contact may lead to skin sensitization. Prolonged exposure can cause dryness and cracking of the skin. Heated material vapor can be irritating to the respiratory tract, and material may be harmful if swallowed or inhaled in large amounts.

**Effects of Overexposure:** Overexposure to vapors can cause dizziness, headaches and other central nervous system effects.

### **Acute Toxicity**

**Oral LD50 (Rat):** > 2,000 mg/kg

**Dermal LD50 (Rabbit):** NA

**Carcinogenicity:** This material is not listed or classified by the National Toxicology Program (NTP) Report on Carcinogens or the International Agency for Research on Cancer (IARC).

## **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**

Disposal considerations apply only to the product as shipped in its original container.

**Waste Disposal:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional/local authority requirements. Avoid dispersal of material and runoff, and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transportation Information**

### **DOT/IATA:**

**Proper Shipping Name:** Non-regulated

**Hazardous Class:** Non-regulated

**ID Number:** Non-regulated

**Packing Group:** Non-regulated

**Marine Pollutant:** No

**Special Precautions:** None

## **SECTION 15: Regulatory Information**

**HCS Classification:** Irritating material, Sensitizing material

**TSCA Status:** All materials are either included on or exempt from the TSCA Inventory of Chemical Substance. This product does not contain any components subject to TSCA 12(b) export notification.

**Other Regulations:** This product contains no Extremely Hazardous Substances, EPCRA Sec 311, Appendix A and B, or chemicals listed in EPCRA Sec. 313, Table II.

## **SECTION 16: Other Information**

**Created:** April 1, 2000

**Last Updated:** February 29, 2016

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## Safety Data Sheet

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**Product Code:** 8508-3B

**Product Class:** Filled Epoxy Compounds

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

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

### SECTION 2: Hazard Identification

**Emergency Overview: Danger! Corrosive! Irritant!** Causes eye burns. Causes skin burns. Causes severe burns of the mouth and throat. Severe eye irritant. Severe respiratory irritant. May cause sensitization by skin contact.



**Primary Routes of Entry:** Eye and skin contact, breathing vapors.

#### **Symptoms of Exposure**

**Eye Contact:** Corneal edema may give rise to a perception of “blue haze” or “fog” around lights. Exposed individuals may see rings around bright lights. This effect is temporary and has no known residual effect. Product vapor can cause glaucopsia (corneal edema) when absorbed into the tissue of the eye from the atmosphere. Causes eye burns. May cause blindness. Severe eye irritation.

**Skin Contact:** Causes skin burns. If absorbed through the skin, may cause central nervous system effects, such as headache, nausea, dizziness, confusion, breathing difficulties.

**Inhalation:** Harmful if inhaled and may cause delayed lung injury. Risk of serious damage to the lungs. May cause nose, throat, and lung irritation. Inhalation of aerosol may cause irritation to the upper respiratory tract. May cause central nervous system effects such as headache, nausea, dizziness, confusion, and breathing difficulties. Severe cases of overexposure can result in respiratory failure. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system.

**Ingestion:** If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.

**Effect of Over-exposure:** Respiratory tract irritation and coughing. Pre-existing skin disorders may be aggravated by over-exposure.

**Chronic and Other Health Effects:** May cause asthma, skin sensitization or other allergic responses.

### **SECTION 3: Composition/Ingredient Information**

**Composition:** Trade secret.

### **SECTION 4: First-Aid Measures**

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes and check for and remove contacts. Hold eyelids apart to rinse entire eye surface. Continue washing if medical attention is not immediately available.

**Skin Contact:** Wipe off excess immediately and wash affected area with soap and water. Remove contaminated clothing or shoes and seek medical attention. Continue washing if irritation persists.

**Inhalation:** If inhaled, remove victim to fresh air and consult medical personnel immediately. If person is not breathing or breathing is irregular, provide oxygen with the aid of trained personnel only. If unconscious, place in recovery position and seek medical attention immediately.

**Ingestion:** Wash out mouth with small amounts of water and remove person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention immediately. If unconscious, place in recovery position. Never give anything by mouth to an unconscious person.

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

**Flash Point:** >205 °F (>96.11 °C)

**Method Used:** Pensky martens Clos. Cup

**Flammable Limits (STP In Air)**

**LFL:** Not Deter.      **UFL:** Not Deter.

**Extinguishing Media:** Alcohol-resistant foam, CO<sub>2</sub>, and dry chemicals.

**Specific Hazards and Procedures:** Remove all persons from the vicinity. Burning material may generate large amounts of vapor and produce noxious and toxic fumes and gases.

**Specific Fire Fighting Equipment:** Firefighters should wear a Self-Contained Breathing Apparatus and personal protective clothing.

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

**Personal Protective Measures:** Provide adequate ventilation and avoid all personnel contact. Wear adequate protective clothing. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Wear an appropriate respirator when ventilation is inadequate. Use appropriate safety equipment before taking any action.

**Clean Up/Disposal Method:** Remove container from spill area and scrape up material and place in appropriate waste disposal container. Remove residual resin with non-flammable solvent and flush contaminated area with hot water. Do not dump waste into any sewers, on the ground or into any body of water. Avoid dispersal of spilled material and runoff. All disposal methods must be compliant with all Federal, State, and local laws and regulations.

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

**Precautions:** Do not get in eyes, on skin or on clothing. Avoid any forms of ingestion. Do not breathe vapor, mist or spray. Use only with good ventilation or use suitable respiratory protection. Wear suitable protective clothing. Remove contaminated clothing and wash before reuse. Destroy contaminated leather. Wash thoroughly after handling. Do not eat or drink in areas where material is stored or in use. Wash hands and face before eating or drinking after using this product.

**Storage Information:** Store in tightly sealed, original container in a cool, dry place. Keep container sealed until use.

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

### **Occupational Exposure Limits:**

OSHA	PEL/TWA	None Available
ACGIH	TLV/TWA	None Available

**Engineering Controls:** Good general mechanical ventilation and local exhaust are recommended. If user operations generate vapor, process enclosures or local exhaust may be necessary.

### **Personal Protective Equipment**

**Respiratory:** If local exhaust ventilation is inadequate, use a properly fitted, air-purifying mask suitable to the level of anticipated exposure.

**Skin Protection:** Wear protective clothing suitable to the conditions of use. Clean, body-covering clothing and protective gloves should be worn at all times when handling the product.

**Eye Protection:** Use properly fitted safety glasses. If vapor exposure causes eye or respiratory tract discomfort, a full-face respirator may be necessary.

**Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands, forearms, and face thoroughly after using the material.

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

**Appearance:** Clear liquid

**Odor Threshold:** NA

**Melting Point/Freezing Point:** NA

**Flash Point:** >205 °F (>96.11 °C)

**Flammability:** NA

**Vapor Pressure:** NA

**Specific Gravity:** 1.0-1.1

**% Volatile by Vol:** <1

**Decomposition Temperature:** NA

**Odor:** Ammonia odor

**pH:** NA

**Boiling Point:** >250 °F (>121 °C)

**Evaporation Rate:** NA

**Explosive Limits:** NA

**Vapor Density (Air = 1):** NA

**Solubility In Water:** Moderate

**Auto-Ignition Temp.:** NA

**Viscosity:** ~450cPs

## **SECTION 10: Stability and Reactivity**

**Stability:** Stable under normal conditions. Prolonged excessive heat may cause partial degradation.

**Incompatibility:** Avoid contact with strong oxidizing materials, mineral acids and epoxy resins under uncontrolled conditions.



**Hazardous Decomposition Products:** CO, CO<sub>2</sub>, Nitrogen oxides.

**Hazardous Polymerization:** Will not occur by itself, but masses of more than 3-5 lbs of product plus an amine may cause an irreversible reaction with considerable heat buildup.

## **SECTION 11: Toxicological Information**

**Routes of Exposure:** Skin contact, eye contact, vapor inhalation.

**Primary Symptoms:** Causes burns to skin or eyes. Highly concentrated vapors can cause severe eye and respiratory irritation. Damage to mucous membrane if swallowed.

**Effects of Overexposure:** May cause asthma, skin sensitization or other allergic responses.

### **Acute Toxicity**

**Oral LD50 (Rat):** NA

**Dermal LD50 (Rabbit):** NA

**Carcinogenicity:** This material is not listed or classified by the National Toxicology Program (NTP) Report on Carcinogens or the International Agency for Research on Cancer (IARC).

## **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**

Disposal considerations apply only to the product as shipped in its original container.

**Waste Disposal:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional/local authority requirements. Avoid dispersal of material and runoff, and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transportation Information**

### **DOT/IATA:**

**Proper Shipping Name:** Corrosive liquid N.O.S. (Triethylenetetramine, Isophoronediamine)

**Hazardous Class:** 8

**ID Number:** UN1760

**Packing Group:** III

**Marine Pollutant:** Yes  
**Special Precautions:** None

### **SECTION 15: Regulatory Information**

**HCS Classification:** Irritating material, Sensitizing material

**TSCA Status:** All materials are either included on or exempt from the TSCA Inventory of Chemical Substance. This product does not contain any components subject to TSCA 12(b) export notification.

**Other Regulations:** This product contains no Extremely Hazardous Substances, EPCRA Sec 311, Appendix A and B, or chemicals listed in EPCRA Sec. 313, Table II.

### **SECTION 16: Other Information**

**Created:** April 1, 2000

**Last Updated:** February 29, 2016

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