



## ABATRON, INC.

5501 - 95<sup>th</sup> Ave., Kenosha, WI 53144 U.S.A  
(262) 653-2000 Fax (262) 653-2019  
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# Material Safety Data Sheet

Aprvd050810

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** ABOWELD 55-22 Part A

**Product Code:** 55-22A

**Type:** Adhesive putty

**Date Prepared/Revised:** 8/9/2005

**Product Description:** Formulated Epoxy Paste

**Manufacturer:**

Abatron, Inc.

5501-95th Avenue

Kenosha, WI 53144

Phone: 262/653-2000

**Emergency Phone Number:**

800/424-9300

### SECTION 2: HAZARDOUS INGREDIENTS

Trade Secret: Proprietary Epoxy Prepolymers

### SECTION 3: PHYSICAL DATA

**Boiling Point:** N/A

**Vapor Press:** N/A

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

**Appearance and Odor:** Light -amber color thixotropic paste. Almost no odor.

**Sol. In Water:** None

**Sp. Gravity:** 1.1-1.2

**% Volatile by Vol.:** <0.1

### SECTION 4: FIRE AND EXPLOSION DATA

**Flash Point:** >450° F

**Method Used:** ASTM D 92-96. TOC

**Extinguishing Media:** Foam, CO<sub>2</sub>, and dry chemical.

**Special Fire Fighting Equipment and Hazards:** None

**Flammable Limits (STP in Air)**

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

### SECTION 5: HEALTH HAZARD DATA

**Occupational Exposure Limits:**

**OSHA** PEL/TWA Not Establish

**ACGIH** TLV/TWA Not Establish

**Ingestion: Low Single Oral Toxicity: LD50 (RAT) :** >2000 mg/kg.

**Eye Contact:** Minor transient irritation. No corneal injury likely.

**Skin Contact:** Only minor irritation. May be a skin sensitizer.

**Skin Absorption:** Not likely to be absorbed in toxic amounts.

**Inhalation:** Not likely a problem at room temperature. Vapors from heated material may be irritating.

**Effect Of Overexposure:** None known.

**First Aid Procedures:**

**Eyes:** Irrigate with flowing water immediately for at least 10 minutes. Refer to medical personnel.

**Skin:** Contact will probably cause no more than irritation. Flush skin with water or soapy water. Wash clothing before reuse.

**Inhalation:** Remove to fresh air if effects occur. Consult medical personnel.

**Ingestion:** Low in toxicity. Induce vomiting if large amounts are ingested.

**Note to Physician:**

**Eyes:** Injury is unlikely. Stain for evidence of corneal injury. Consult ophthalmologist.

**Skin:** May cause moderate irritation. Treat as any contact dermatitis. Known or suspected weak sensitizer. Not likely to be absorbed in acutely toxic amounts.

**Respiratory:** Injury is unlikely.

**Oral:** Low in toxicity.

**Systemic:** Human effects not established. No specific antidote. Treatment based on the sound judgment of the physician and the individual reaction of the patient.

**SECTION 6: REACTIVITY DATA**

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

**Incompatibility:** Active acids and bases.

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

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

**SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES**

**Action To Take For Spills:** Soak in absorbent material or scrape up. Residual resin can be removed by use of non-flammable solvent such as methylene chloride.

**Disposal Method:** Do not dump into any sewers, on the ground or into any body of water. All disposal methods must be compliance with all Federal, State and local law and regulations.

**SECTION 8: SPECIAL HANDLING INFORMATION**

**Ventilation:** Sufficient to minimize vapor exposure if generated.

**Respiratory Protection:** None likely needed.

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

**Eye Protection:** Safety glasses without side shields.

**SECTION 9: SPECIAL PRECAUTIONS IN HANDLING AND STORAGE AND ADDITIONAL INFORMATION**

**Precautions to Be Taken In Handling and Storage:** None except normal handling care. Practice good caution and personal cleanliness to avoid eye and skin contact. Avoid breathing vapors if generated.

**SECTION 10: TRANSPORT INFORMATION****DOT/IATA**

**Proper Shipping Name:** N/A

**Hazardous Class:** N/A

**ID Number:** N/A

**Packing Group:** N/A

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# Material Safety Data Sheet

Aprvd050810

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** ABOCURE 55-22 Part B

**Product Code:** 55-22 B

**Type:** Epoxy Curing Agent

**Date Prepared:** 08/09/2005

**Product Description:** Formulated Amine Paste

**Manufacturer:**

Abatron, Inc.  
5501-95th Avenue  
Kenosha, WI 53144  
Phone: 262/653-2000

**Emergency Phone Number:**

800/424-9300

### SECTION 2: HAZARDOUS INGREDIENTS

Trade Secret; Proprietary Amines

### SECTION 3: PHYSICAL DATA

**Boiling Point:** NA

**Vapor Press:** NA

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

**Appearance and Odor:** Amber color paste. Light ammonia odor.

**Sol. In Water:** NA

**Sp. Gravity:** 1.1-1.2

**% Volatile by Vol.:** <0.1

### SECTION 4: FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** >450° F

**Method Used:** ASTM D92-96

**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical.

**Special Fire Fighting Equipment and Hazards:** None

**Flammable Limits (STP in Air)**

**LFL:** Not deter. **UFL:** Not deter.

### SECTION 5: HEALTH HAZARD DATA

**Ingestion:** LD50 >16 g/kg.

**Eye contact:** Extreme irritation.

**Skin contact:** Only minor irritation. Primary irritation test score 1.2.

**Skin absorption:** No significant hazard. LD50 = 6.5 g/kg

**Inhalation:** Not likely a problem at room temperature. Vapors from heated material may be irritating.

**Effect of overexposure:** May cause skin sensitization. None other known.

**First Aid Procedures:**

**Eyes:** Irrigate with flowing water immediately for 5 minutes. Refer to medical personnel.

**Skin:** Wipe off excess. Scrub with soap and water, followed by water rinse. Wash clothing before reuse.

**Inhalation:** Remove to fresh air if effects occur. Consult medical personnel.

**Ingestion:** Low in toxicity. Induce vomiting if large amounts are ingested.

**Note to Physician:**

**Eyes:** Extremely irritating. Stain for evidence of corneal injury. Consult ophthalmologist.

**Skin:** Acute dermal toxicity. Treat as contact dermatitis. Known or suspected sensitizer. Not likely to be absorbed in acutely toxic amounts.

**Respiratory:** Injury is unlikely.

**Oral:** Toxicity: LD50 >16 g/kg.

**Systemic:** Human effects not established. No specific antidote. Treatment based on the sound judgment of the physician and the individual reaction of the patient.

**SECTION 6: REACTIVITY DATA**

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

**Incompatibility:** None known.

**Hazardous Decomposition Products:** none under normal conditions.

**Hazardous Polymerization:** None.

**SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES**

**Action to Take For Spills (Use Appropriate Safety Equipment):** Soak in absorbent material or scrape up. Scrub with 5% acetic acid to emulsify; rinse with very hot water.

**Disposal Method:** Do not dump into any sewers, on the ground or into any body of water. All disposal methods must be compliance with all Federal, State and local law and regulations.

**SECTION 8: SPECIAL HANDLING INFORMATION**

**Ventilation:** Sufficient to minimize vapor exposure if generated.

**Respiratory Protection:** None likely needed.

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

**Eye Protection:** Safety glasses.

**SECTION 9: SPECIAL PRECAUTIONS IN HANDLING AND STORAGE AND ADDITIONAL INFORMATION**

**Precautions To Be Taken In Handling And Storage:** None except normal handling care. Practice good caution and personal cleanliness to avoid eye and skin contact. Avoid breathing vapors if generated.

**SECTION 10: TRANSPORT INFORMATION**

**Proper Shipping Name:** Not regulated by this mode of transportation

**Hazardous Class:** N/A

**ID Number:** N/A

**Packing Group:** N/A

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