



## ABATRON, INC.

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24 Hour Emergency No: (800) 424-9300

# Material Safety Data Sheet

## SECTION 1: Product Identification

**Product Name:** BestBond Joint Sealant Part A

**Product Code:** BBJ-A

**Product Class:** Formulated Epoxy Resin

**Product Type:** Self-Leveling Adhesive

**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



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

### **Symptoms of Exposure**

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

**Skin Contact:** Minor irritation. May be a skin sensitizer.

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

**Ingestion:** Not expected to be harmful under normal conditions of use.

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

**Effect of Over-exposure:** None known.

## SECTION 3: Composition/Ingredient Information

**Composition:** Trade secret. Proprietary Epoxy Resin.

## 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:** Contact will probably cause no more than irritation. 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:** Remove victim to fresh air and consult medical personnel immediately if effects occur. 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 mouth out with water. If material has been swallowed, give small quantities of water to drink. 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:** 430 °F (221.11°C)

**Method Used:** ASTM D3278

**Flammable Limits (STP In Air)**

**LFL:** Not Deter.

**UFL:** Not Deter.

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

**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:** A face shield should be worn. Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus.

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

**Action to Take For Spills (Use Appropriate Safety Equipment):** Soak in absorbent material or scrape up. Residual resin can be removed by use of non-flammable solvent such as methylene chloride.

**Clean Up/Disposal Method:** Bury in appropriate landfill. (Optional) burn combustible portion in adequate incinerator.

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

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

**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:** None likely needed.

**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 with or without side shields.

**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:** Colorless viscous liquid

**Odor Threshold:** NA

**Melting Point/Freezing Point:** NA

**Flash Point:** 430 °F (221.11°C)

**Flammability:** NA

**Vapor Pressure:** CA.1 @ 180°C

**Specific Gravity:** 1.10

**% Volatile by Vol:** <0.1

**Decomposition Temperature:** NA

**Odor:** Very low Odor

**pH:** NA

**Boiling Point:** >400 °F

**Evaporation Rate:** NA

**Explosive Limits:** NA

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

**Solubility In Water:** Insoluble

**Auto-Ignition Temp.:** NA

**Viscosity:** 10,000-15,000cps

**SECTION 10: Stability and Reactivity**

**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 2-3 lbs of product plus acids or bases may cause irreversible reaction with considerable heat buildup.

**SECTION 11: Toxicological Information**

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

**Effects of Overexposure:** None known.

**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:** Dispose of hazardous waste according to federal, state, and local regulations.

**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:** No other known classifications or regulations.

**SECTION 16: Other Information**

**Created:** April 1, 2000

**Last Updated:** March 19, 2015

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# Material Safety Data Sheet

## SECTION 1: Product Identification

**Product Name:** BestBond Joint Sealant Part B

**Product Code:** BBJ-B

**Product Class:** Epoxy Curing Agent

**Product Type:** Self-Leveling Adhesive

**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



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

### **Symptoms of Exposure**

**Eye Contact:** Extreme irritation.

**Skin Contact:** Minor irritation.

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

**Ingestion:** Damage to mucous membrane if swallowed.

**Skin Absorption:** No significant hazard.

**Effect of Over-exposure:** None known.

**Chronic and Other Health Effects:** Prolonged or repeated exposure may cause skin asthma, skin sensitization or other allergic responses.

## SECTION 3: Composition/Ingredient Information

**Composition:** Trade secret. Proprietary formulated amines.

## 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:** Remove victim to fresh air and consult medical personnel immediately if effects occur. 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:** Low in toxicity, however in the event of ingestion, administer 3-4 glasses of milk or water. 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:** >450 °F (>232.22°C)

**Method Used:** ASTM D3278

**Flammable Limits (STP In Air)**

**LFL:** Not Deter.

**UFL:** Not Deter.

#### **Extinguishing Media:**

In Case Of A Large Fire: Use water spray, alcohol foam.

In Case Of A Small Fire: Use carbon dioxide (CO<sub>2</sub>), dry chemical, dry sand or limestone.

**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:** A face shield should be worn. Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. Retain expended liquids from fire fighting for later disposal.

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

**Action to Take For Spills (Use Appropriate Safety Equipment):** Use appropriate safety equipment, soak in absorbent material or scrape up. Pump liquid into salvage tank. Exclude from area people without proper protective clothing, gloves, goggles, etc.

**Clean Up/Disposal Method:** Dispose of as hazardous waste according to federal, state and local regulations.

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

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

**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:** None likely needed.

**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 with or without side shields.

**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:** Dark viscous liquid

**Odor Threshold:** NA

**Melting Point/Freezing Point:** NA

**Flash Point:** >450 °F (>232.22 °C)

**Flammability:** NA

**Vapor Pressure:** N/A

**Specific Gravity:** 0.93

**% Volatile by Vol:** <1

**Decomposition Temperature:** NA

**Odor:** Very low Odor

**pH:** NA

**Boiling Point:** N/A

**Evaporation Rate:** NA

**Explosive Limits:** NA

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

**Solubility In Water:** Slight

**Auto-Ignition Temp.:** NA

**Viscosity:** 10,000-15,000cps

**SECTION 10: Stability and Reactivity**

**Stability:** Stable under normal conditions.

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

**Hazardous Decomposition Products:** CO<sub>2</sub>, nitrogen oxides, sulfur compounds.

**Hazardous Polymerization:** None known.



**SECTION 11: Toxicological Information**

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

**Effects of Overexposure:** None known.

**Acute Toxicity**

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

**Dermal LD50 (Rabbit):** > 2,000 mg/kg

**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:** Dispose of hazardous waste according to federal, state, and local regulations.

**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:** No other known classifications or regulations.

**SECTION 16: Other Information**

**Created:** April 1, 2000

**Last Updated:** March 19, 2015

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