



ABATRON, INC.

5501 – 95th Ave., Kenosha, WI 53144 U.S.A
(262) 653-2000 Fax (262) 653-2019
www.abatron.com e-mail: info@abatron.com
24 Hour Emergency No: (800) 424-9300

Safety Data Sheet

SECTION 1: Product Identification

Product Name: Abhesive 15B

Product Code: 15B

Product Type: Silicone Resin Solution

Manufacturer/Supplier: Abatron Incorporated
5501 95th 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! Flammable! Irritant! Highly flammable liquid and vapor. Mild skin and eye irritant. May cause respiratory tract irritation. Harmful if liquid is aspirated into lungs. May cause cancer.



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

Symptoms of Exposure

Eye Contact: Contact causes mild eye irritation. Elevated temperatures may generate sufficient vapor levels to cause eye irritation.

Skin Contact: Material causes mild skin irritation.

Inhalation: Do not breathe vapor or mist. May be fatal if inhaled. Irritation to the respiratory tract may occur.

Ingestion: Material may be irritating to digestive tract if swallowed and may be harmful in large amounts.

Effect of Over-exposure: May cause nervous system damage. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Vapors irritating to eyes and respiratory tract.

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 immediately. 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 immediately. 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: >67 °F (19.4°C)

Flammable Limits (STP In Air)

Method Used: ASTM D3278-96

LFL: 1.2 **UFL:** 6.7

Extinguishing Media: Alcohol-resistant foam, CO₂, and dry chemicals.

Specific Hazards and Procedures: Flammable liquid and vapor. Provide adequate ventilation and remove all persons from vicinity. Vapor may cause flash fire or explosion and can travel to ignition source and flash back. Empty containers may contain residue and should not be exposed to ignition sources. Water spray may be used to cool containers and to knock down vapors. Water run-off should be maintained. Decomposition and combustion products may be toxic and noxious.

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 suitable 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 | Not Established |
| ACGIH | TLV/TWA | Not Established |

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: Colorless liquid

Odor Threshold: NA

Melting Point/Freezing Point: NA

Flash Point: >67 °F (19.4 °C)

Flammability: NA

Vapor Pressure: 25 mmHG @ 25°C

Specific Gravity: 0.74-0.84

% Volatile by Vol: >90%

Decomposition Temperature: NA

Odor: Solvent odor

pH: NA

Boiling Point: >230°F (110°C)

Evaporation Rate: NA

Explosive Limits: NA

Vapor Density (Air = 1): NA

Solubility In Water: <0.1%

Auto-Ignition Temp.: NA

Viscosity Avg: 3.43cPs

SECTION 10: Stability and Reactivity

Stability: Stable under normal conditions. All possible heat and ignition sources should be avoided.

Incompatibility: Avoid contact with strong oxidizers, inorganic acids, bases, amines, aldehydes, halogens, chlorinated compounds, silver perchlorate, sodium difluoride, tetra nitromethane, uranium hexafluoride and nitrogen oxides.

Hazardous Decomposition Products: Carbon oxides, nitrotoluene, nitrobenzene, nitrophenol, halogenated products, and silicon dioxide.

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

SECTION 11: Toxicological Information

Routes of Exposure: Skin contact, eye contact, vapor inhalation, and ingestion.

Primary Symptoms: Mild skin and eye irritant. May cause respiratory tract irritation. Harmful if liquid is aspirated into lungs.

Effects of Overexposure: Possible nasal or lung irritation or central nervous system depression.

Acute Toxicity

Oral LD50 (Rat): >2,390 mg/kg

Dermal LD50 (Rabbit): >13,672 mg/kg

Carcinogenicity: Material contains less than 0.25% ethylbenzene, which is classified by the IARC as a group 2B carcinogen: possibly carcinogenic to 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

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: Flammable Liquids N.O.S. (Isopropanol, Toluene)

Hazardous Class: 3

ID Number: UN1993

Packing Group: II

Marine Pollutant: NA

Special Precautions: None

SECTION 15: Regulatory Information

HCS Classification: Irritating material. Sensitizing material. Flammable 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: NA

SECTION 16: Other Information

Created: April 1, 2000

Last Updated: June 28, 2016

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