



## ABATRON, INC.

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24 Hour Emergency No: (800) 424-9300

# Material Safety Data Sheet

### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: ABOCRETE A (ABOCAST 8309-1,  
8509-5, 8509-6)  
PRODUCT CODE: 8309-1A, 8509-5A, 8509-6A

DATE PREPARED: 05/20/2002

PRODUCT DESCRIPTION:  
EPOXIDE RESIN COMPOUND

### SECTION 2: HAZARDOUS INGREDIENTS

TRADE SECRET: PROPRIETARY FORMULATED EPOXY PREPOLYMER

### SECTION 3: PHYSICAL DATA

COLOR: CLEAR, STRAW COLOR

PHYSICAL STATE: LIQUID

MELTING POINT: NA

SOLUBILITY IN WATER: NEGLIGIBLE

% VOLATILE BY VOL: <0.1

ODOR: MILD AROMATIC

SPECIFIC GRAVITY: 1.10 - 1.15

BOILING POINT: >149°C (>300°F)

VAPOR DENSITY (AIR=1): NA

### SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT: >250°F

LEL: N/A

AUTOIGNITION TEMP. : N/A

UEL: N/A

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, AND SAND OR LIMESTONE FOR SMALL FIRE.

SPECIAL FIRE FIGHTING PROCEDURES: A FACE SHIELD SHOULD BE WORN. FIREFIGHTERS SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES, BODY SUIT AND SELF-CONTAINED BREATHING APPARATUS.

SPECIAL FIRE FIGHTING EQUIPMENT: NONE

### SECTION 5: HEALTH HAZARDS

INGESTION: LOW SINGLE ORAL TOXICITY: LD50(RAT): >2000MG/KG.

EYE CONTACT: MINOR IRRITATION. MINOR TRANSIENT CORNEAL INJURY LIKELY.

SKIN CONTACT: MILD 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: POSSIBLE NASAL OR LUNG IRRITATION OR CENTRAL NERVOUS SYSTEM DEPRESSION.

### SECTION 6: FIRST AID

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. REFER TO MEDICAL PERSONNEL.

SKIN CONTACT: IMMEDIATELY FLUSH AFFECTED AREA WITH WATER FOR AT LEAST 15 MINUTES. CONTACT WILL PROBABLY CAUSE NO MORE THAN IRRITATION.

INHALATION: REMOVE TO FRESH AIR. CONSULT MEDICAL PERSONNEL.

INGESTION: LOW IN TOXICITY. INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED.

**SECTION 7: STABILITY AND REACTIVITY**

STABILITY: STABLE UNDER NORMAL CONDITIONS. PROLONGED EXCESSIVE HEAT MAY CAUSE PARTIAL DEGRADATION.

INCOMPATIBILITY: ACTIVE ACIDS AND BASES.

HAZARDOUS POLYMERIZATIONS: WILL NOT OCCUR BY ITSELF, BUT MASSES OF MORE THAN 1-2 POUNDS OF PRODUCT PLUS AN ALIPHATIC AMINE MAY CAUSE IRREVERSIBLE REACTION WITH CONSIDERABLE HEAT BUILDUP.

**SECTION 8: ACCIDENTAL RELEASE MEASURES**

ABSORB ONTO SAND OR OTHER ABSORBENT MATERIAL. SHOVEL INTO CLOSEABLE CONTAINER FOR DISPOSAL. RESIDUAL RESIN CAN BE REMOVED BY USE OF NON-FLAMMABLE SOLVENT SUCH AS METHYLENE CHLORIDE. FLUSH CONTAMINATED AREA WITH WATER.

**SECTION 9: HANDLING AND STORAGE**

**PRECAUTIONS:** AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR, MIST OR SPRAY. USE ONLY ADEQUATE VENTILATION. PROMPTLY REMOVE WET CONTAMINATED NON-IMPERVIOUS CLOTHING, WASH BEFORE REUSE. DESTROY CONTAMINATED LEATHER AND ABSORBENT SHOES. INDIVIDUALS SHOULD WASH THOROUGHLY AFTER HANDLING.

**SECTION 10: PERSONAL PROTECTION**

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 11: TRANSPORT INFORMATION**

DOT (USA) STATUS: NOT REGULATED

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THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESS OR IMPLIED, IS MADE.



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# Material Safety Data Sheet

### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: ABOCRETE B (ABOCURE 8309-1)  
PRODUCT CODE: 8309-1B  
CLASS: LIQUID EPOXY COREACTANT

DATE PREPARED: 05/20/2002  
PRODUCT DESCRIPTION:  
EPOXIDE RESIN COMPOUND

### SECTION 2: HAZARDOUS INGREDIENTS

TRADE SECRET: PROPRIETARY FORMULATED AMINES

### SECTION 3: PHYSICAL DATA

COLOR: CLEAR, STRAW COLOR  
PHYSICAL STATE: LIQUID  
MELTING POINT: NA  
SOLUBILITY IN WATER: MODERATE  
% VOLATILE BY VOL: 0

ODOR: LIGHT AMMONIA  
SPECIFIC GRAVITY: 0.95 - 0.97  
BOILING POINT: >121°C (>250°F)  
VAPOR DENSITY (AIR=1): NA

### SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT: >250°F  
LEL: N/A

AUTOIGNITION TEMP. : N/A  
UEL: N/A

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, AND SAND OR LIMESTONE FOR SMALL FIRE.

SPECIAL FIRE FIGHTING PROCEDURES: A FACE SHIELD SHOULD BE WORN. FIREFIGHTERS SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES, BODY SUIT AND SELF-CONTAINED BREATHING APPARATUS.

SPECIAL FIRE FIGHTING EQUIPMENT: NONE

### SECTION 5: HEALTH HAZARDS

INGESTION: LOW SINGLE ORAL TOXICITY: LD50(RAT): >16G/KG.

EYE CONTACT: EXTREME IRRITATION

SKIN CONTACT: ONLY MINOR IRRITATION. PRIMARY IRRITATION TEST SCORE 1.2.

SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT MAY CAUSE INJURY.

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.

### SECTION 6: FIRST AID

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. REFER TO MEDICAL PERSONNEL.

SKIN CONTACT: IMMEDIATELY FLUSH AFFECTED AREA WITH WATER FOR AT LEAST 15 MINUTES. CONTACT WILL PROBABLY CAUSE NO MORE THAN IRRITATION.

INHALATION: REMOVE TO FRESH AIR. CONSULT MEDICAL PERSONNEL.

INGESTION: TOXIC. INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED.

**SECTION 7: STABILITY AND REACTIVITY**

STABILITY: STABLE UNDER NORMAL CONDITIONS. PROLONGED EXCESSIVE HEAT MAY CAUSE PARTIAL DEGRADATION.

INCOMPATIBILITY: EPOXY RESINS UNDER UNCONTROLLED CONDITIONS.

HAZARDOUS POLYMERIZATIONS: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE UNDER NORMAL CONDITIONS.

**SECTION 8: ACCIDENTAL RELEASE MEASURES**

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: BURY IN APPROPRIATE LANDFILL. (OPTIONAL) BURN COMBUSTIBLE PORTION IN ADEQUATE INCINERATOR.

**SECTION 9: HANDLING AND STORAGE**

VENTILATION: SUFFICIENT TO MINIMIZE VAPOR EXPOSURE IF GENERATED.

RESPIRATORY PROTECTION: NONE LIKELY NEEDED.

PROTECTIVE CLOTHING: CLEAN, BODY-COVERING CLOTHING. DISPOSABLE PLASTIC OR RUBBER GLOVES. DISPOSAL CONTAINERS AND PAPER IN WORK AREA.

EYE PROTECTION: SAFETY GLASSES.

**SECTION 10: PERSONAL PROTECTION**

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.

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