



## ABATRON, INC.

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# 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

ODOR: MILD AROMATIC

PHYSICAL STATE: LIQUID

SPECIFIC GRAVITY: 1.10 – 1.15

MELTING POINT: NA

BOILING POINT: >149°C (>300°F)

SOLUBILITY IN WATER: NEGLIGIBLE

VAPOR DENSITY (AIR=1): NA

% VOLATILE BY VOL: <0.1

### SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT: >250°F

AUTOIGNITION TEMP. : N/A

LEL: 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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