



## ABATRON, INC.

5501 - 95<sup>th</sup> Ave., Kenosha, WI 53144 U.S.A  
(262) 653-2000 Fax (262) 653-2019  
www.abatron.com e-mail: info@abatron.com

# Material Safety Data Sheet

### SECTION 1: PRODUCT IDENTIFICATION

EFFECTIVE DATE: 12-01-97  
PRODUCT NAME: ABOCURE 55-1  
CLASS: FORMULATED AMINE PASTE

PRODUCT CODE: 55-1B  
TYPE: EPOXY CURING AGENT

### SECTION 2: HAZARDOUS INGREDIENTS

PROPRIETARY AMINES

### SECTION 3: PHYSICAL DATA

BOILING POINT: NA  
VAPOR PRESS: NA  
VAP DENSITY (AIR=1): NA  
APPEARANCE AND ODOR: BLACK HEAVY PASTE. LIGHT AMMONIA ODOR.

SOL. IN WATER: NA  
SP. GRAVITY: 1.4-1.5  
% 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: LD<sub>50</sub>>16 G/KG.  
EYE CONTACT: EXTREME IRRITATION.  
SKIN CONTACT: ONLY MINOR IRRITATION. PRIMARY IRRITATION TEST SCORE 1.2.  
SKIN ABSORPTION: NO SIGNIFICANT HAZARD. LD<sub>50</sub> = 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 & 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: BURY IN APPROPRIATE LANDFILL. (OPTIONAL) BURN COMBUSTIBLE PORTION IN ADEQUATE INCINERATOR.

SECTION 8: SPECIAL HANDLING INFORMATION

VENTILATION: SUFFICIENT TO MINIMIZE VAPOR EXPOSURE IF GENERATED.

RESPIRATORY PROTECTION: NONE 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 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.

---

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