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Material Safety Data Sheet

SECTION 1: PRODUCT IDENTIFICATION

EFFECTIVE DATE: 12-01-97
PRODUCT NAME: ABOWELD 55-1
CLASS: FORMULATED EPOXY PASTE

PRODUCT CODE: 55-1A
TYPE: ADHESIVE PUTTY

SECTION 2: HAZARDOUS INGREDIENTS

PROPRIETARY EPOXY PREPOLYMERS

SECTION 3: PHYSICAL DATA

BOILING POINT: NA
VAPOR PRESS: NA
VAP DENSITY (AIR=1): NA
APPEARANCE AND ODOR: WHITE HEAVY PASTE. ALMOST NO ODOR.

SOL. IN WATER: NONE
SP. GRAVITY: 1.5-1.6
VOLATILE BY VOL: <0.1

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >450° F
METHOD USED: ASTMD92-96, TOC
EXTINGUISHING MEDIA: FOAM, CO₂, 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: LOW SINGLE ORAL TOXICITY: LD50 (RAT) : >2000 MG/KG.
EYE CONTACT: MINOR TRANSIENT IRRITATION. NO CORNEAL INJURY LIKELY. SKIN
CONTACT: ONLY MINOR IRRITATION. MAY BE SKIN SENSITIZER.
SKIN ABSORPTION: NOT LIKELY TO BE ABSORBED IN TOXIC AMOUNTS.
INHALATION: NOT LIKELY A PROBLEM AT ROOM TEMPERATURE. VAPORS FROM HEATED
EFFECT OF OVEREXPOSURE: NONE KNOWN.

FIRST AID PROCEDURES:

EYES: IRRIGATE WITH FLOWING WATER IMMEDIATELY FOR AT LEAST 10 MINUTES. REFER TO MEDICAL PERSONNEL
SKIN: CONTACT WILL PROBABLY CAUSE NO MORE THAN IRRITATION. FLUSH SKIN WITH WATER OR SOAP WATER. WASH CLOTHING BEFORE REUSE.
INHALATION: REMOVE TO FLUSH AIR IF EFFECTS OCCUR. CONSULT MEDICAL PERSONNEL.
INGESTION: LOW IN TOXICITY. INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED.

NOTE TO PHYSICIAN:

EYES: INJURY IS UNLIKELY. STAIN FOR EVIDENCE OF CORNEAL INJURY. CONSULT OPHTHALMOLOGIST.

SKIN: MAY CAUSE MODERATE IRRITATION. TREAT AS ANY CONTACT DERMATITIS. KNOWN OR SUSPECTED WEAK SENSITIZER. NOT LIKELY TO BE ABSORBED IN ACUTELY TOXIC AMOUNTS. RESPIRATORY: INJURY IS UNLIKELY.

ORAL: LOW IN TOXICITY.

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: ACTIVE ACIDS AND BASES.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE UNDER NORMAL CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR BY ITSELF, BUT MASSES OF MORE THAN -5 LBS. OF PRODUCT PLUS AN ALIPHATIC AMINE MAY CAUSE IRREVERSIBLE REACTION WITH CONSIDERABLE HEAT BUILDUP.

SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES

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.

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 UKELY NEEDED.

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

EYE PROTECTION: SAFETY GLASSES WITHOUT SIDE SHIELDS.

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.

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