

OSHA'S HAZARD COMMUNICATION STANDARD

U.S. DEPARTMENT OF LABOR

29 CFR 1910.1200 OMB NO: 1218-0072

IDENTITY NO: AK1000, AK2000, AK3000 **NAME:** HARDROCK FILLER ADHESIVE

SECTION 1

MANUFACTURER'S/SHIPPER'S NAME: Made for Stonecare Central M3 Technologies

ADDRESS: 57 Lamberts Ln **PHONE:** 800-342-4533

CITY: Cohasset **STATE:** Ma **CONTACT:** Gad A. Schmidt

DATE PREP: 04/15/02 **EMERGENCY PHONE (CHEMTREC):** (800) 424-9300

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS CAS# OSHA PEL ACGIH TLV WEIGHT %

POLYESTER RESIN 109909-27-5 N/A N/A 60-65

STYRENE 100-42-5 50PPM 50PPM 30-35

AMORPHOUS FUMED SILICA 112945-52-5 N/A 10 MG/M3 5-10

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 295 F **SPECIFIC GRAVITY:** 1.146

VAPOR PRESSURE: 4.5 mmHg at 68 F **MELTING POINT:** NOT TESTED

VAPOR DENSITY: NOT TESTED **EVAPORATION RATE:** NOT TESTED

SOLUBILITY IN WATER: NO **VOC CONTENT:** 30 -35 G/L

APPEARANCE AND ODOR: WHITE/BEIGE/AMBER STYRENE ODOR

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 89 F **FLAMMABLE LIMITS:** 1.1 TO 6.1

AUTO IGNITION TEMPERATURE: 400 C

pH: NOT TESTED **DOT #:** UN1866

NFPA HAZARD RATING H F R S

(0=LEAST, 4=EXTREME) 2 3 1 0

EXTINGUISHING MEDIA: WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS

AND FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS: RUPTURE OF CONTAINER MAY OCCUR AT HIGH TEMPERATURES. PRODUCT VAPORS MAY FORM AN EXPLOSIVE MIXTURE IN AIR.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT AND DIRECT SUNLIGHT

INCOMPATIBLE MATERIALS TO AVOID: STRONG OXIDIZERS AND ACIDS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: IRRITATING, ACRID FUMES

HAZARDOUS POLYMERIZATION: YES

SECTION 6 - HEALTH HAZARD DATA AK1000 PAGE 2

ROUTES OF ENTRY:

INHALATION: POSSIBLE **INGESTION:** POSSIBLE

SKIN: POSSIBLE **HEALTH HAZARDS:** SAME SIGNS & SYMPTOMS OF EXPOSURE

OSHA CARCINOGENICITY: THE IARC HAS CLASSIFIED STYRENE AS POSSIBLY CARCINOGENIC

TO HUMANS (CLASS 2B).

SIGNS & SYMPTOMS OF OVER EXPOSURE:

EYES: IRRITATION, BURNING SENSATION **SKIN:** IRRITATION, DRYING OF SKIN, DERMATITIS

INGESTION: NAUSEA, PAIN **INHALATION:** NAUSEA, DIZZINESS

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SAME AS SIGNS AND SYMPTOMS OF OVER EXPOSURE.

EMERGENCY FIRST AID PROCEDURES:

EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CALL PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER, ESPECIALLY BETWEEN NAILS. IF IRRITATION PERSISTS CALL PHYSICIAN.

INGESTION: DRINK LARGE AMOUNTS OF WATER. CALL PHYSICIAN.

INHALATION: GET PERSON TO FRESH AIR. IF UNCONSCIOUS CALL PHYSICIAN.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SOAK UP WITH INERT ABSORBENT MATERIAL AND PLACE IN A PROPER WASTE DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY PLACE OUT

OF DIRECT SUNLIGHT.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. FOLLOW DIRECTIONS ON THE CONTAINER FOR PROPER USE OF THIS PRODUCT.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: OPEN ALL DOORS AND WINDOWS. EXPOSURES ABOVE THE TLV

OR PEL REQUIRE A NIOSH APPROVED RESPIRATOR EQUIPPED FOR THE EXPOSURE OR SUITABLE RESPIRATORY PROTECTION PER 29 CFR 1910.134.

VENTILATION LOCAL EXHAUST: IF AVAILABLE SPECIAL: NONE

MECHANICAL: IF AVAILABLE OTHER: NONE

PROTECTIVE GLOVES: RUBBER, PLASTICS

EYE PROTECTION: GLASSES, GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: CHEMICAL RESISTANT CLOTHING

WORK HYGENIC PRACTICES: USE COMMON SENSE AND CARE AROUND CHEMICALS.

NEVER

MIX CHEMICALS. CONSULT YOUR SUPERVISOR FOR OTHER PRACTICES. ALL PRACTICES DEPEND ON YOUR SPECIFIC BUSINESS. DIRECTIONS FOR USE ARE NORMALLY FOUND ON LABEL WHICH WILL DICTATE ENGINEERING AND CONTROL MEASURES.

OTHER SPECIAL REQUIREMENTS: NONE