



AMP Emergency HOTLINE: 1-717-561-8800

***** MATERIAL SAFETY DATA SHEET *****

Latest Revision Date...02/10/93 BUTYL RUBBER SEALER
Print Date.....02/10/93
EMERGENCY PHONE NUMBER: * 800 424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME..... 8903E AMP DIELECTRIC TAPE

MANUFACTURER'S NAME..... KOCH PROTECTIVE TREATMENTS, INC.
COMPANY ADDRESS..... 3345 STOP EIGHT ROAD
DAYTON, OHIO 45413
COMPANY PHONE NUMBER..... (513)-890-3150
HMIS RATING..... HEALTH HAZARD - 1
FLAMMABILITY - 1
REACTIVITY - 1
PERSONAL PROTECTION - B
MSDS PREPARED BY..... W. KAUFFMANN

SECTION 2 HAZARDOUS INGREDIENTS/HAZARD DATA

CHEMICAL NAME(S)	CAS NUMBER	% WT	TLV	PEL	SEC.313	REL	CARCINOGEN
*SILICA-CRYSTALLINE QUARTZ	14808-60-7	<5	0.1 MG/M3	0.1 MG/M3	No	NA	YES
*SUBSTANCE WON'T BE RELEASED UNDER NORMAL USE					No		

SECTION 3 PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg ND
pH..... ND
VAPOR PRESSURE mm Hg @20° C..... ND
VAPOR DENSITY (Air = 1)..... ND
SPECIFIC GRAVITY..... 1.34 +/- 0.03
SOLUBILITY IN WATER..... NEGLIGIBLE
EVAPORATION RATE (BuAc = 1)..... ND
APPEARANCE..... BLACK COLOR
ODOR..... MILD
VOC CONTENT (LB/GAL)..... ND

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method).... > 200 DEG F
AUTOIGNITION TEMPERATURE..... ND
FLAMMABILITY LIMITS IN AIR (% V) ND
EXTINGUISHING MEDIA..... FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.
SPECIAL FIRE FIGHTING PROCEDURES FULL EMERGENCY EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS. MOVE UNDAMAGED CONTAINERS FROM SPILL AREA IF IT CAN BE DONE WITHOUT RISK.

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SECTION 4 FIRE AND EXPLOSION HAZARD DATA CONT'D

UNUSUAL FIRE & EXPLOSION HAZARDS SILICA-CRYSTALLINE MAY BE RELEASED DURING COMBUSTION.

SECTION 5 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE

INHALATION....NEGLIGIBLE HAZARD AT AMBIENT TEMPERATURE. HOWEVER, IF THE PRODUCT IS HEATED, IT MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT.

EYE CONTACT...MAY PRODUCE MILD IRRITATION.

SKIN CONTACT...MAY PRODUCE MILD IRRITATION. REPEATED CONTACT WITH THE SKIN MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS.

INGESTION.....MINIMAL TOXICITY.

SECTION 6 EMERGENCY AND FIRST AID PROCEDURES

INHALATION...IF RESPIRATORY SYMPTOMS DEVELOP, MOVE VICTIM AWAY FROM SOURCE OF EXPOSURE AND INTO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. IF VICTIM IS NOT BREATHING, IMMEDIATELY BEGIN ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULTIES DEVELOP, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL. KEEP PERSON WARM, QUIET, AND SEEK IMMEDIATE MEDICAL ATTENTION.

EYES.....IF IRRITATION OR REDNESS DEVELOPS, MOVE VICTIM AWAY FROM EXPOSURE AREA AND INTO FRESH AIR. FLUSH EYES WITH CLEAN WATER, LIFTING UPPER AND LOWER LIDS OCCASSIONALLY FOR AT LEAST 15 MINUTES. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

SKIN.....REMOVE CONTAMINATED CLOTHING AND CLEANSE AFFECTED AREA(S) THOROUGHLY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OR REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION.....DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY.....STABLE
CONDITIONS TO AVOID.....AVOID ALL POSSIBLE SOURCES OF IGNITION AND EXCESSIVE HEAT.

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SECTION 7 REACTIVITY DATA CONT'D

CHEMICAL INCOMPATIBILITY.....AVOID STRONG ACIDS, OXIDIZING AGENTS, AND EXCESSIVE HEAT.
HAZARDOUS DECOMPOSITION PRODUCTS.....THERMAL DECOMPOSITION MAY PRODUCE CARBON DIOXIDE, CARBON MONOXIDE, AND OTHER TOXIC DECOMPOSITION PRODUCTS.
HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR

SECTION 8 SPECIAL PROTECTION INFORMATION

VENTILATION.....PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW OSHA PEL(S) AND ACGIH TLV(S) LIMITS.
RESPIRATORY PROTECTION...IF WORKPLACE EXPOSURE LIMIT(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION 2), A NIOSH/MSHA RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.
PROTECTIVE GLOVES.....THE USE OF GLOVES IMPERMEABLE TO THE SPECIFIC MATERIAL HANDLED IS ADVISED TO PREVENT SKIN CONTACT AND POSSIBLE IRRITATION.
EYE PROTECTION.....APPROVED EYE PROTECTION IN COMPLIANCE WITH OSHA REGULATIONS IS ADVISED TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY.
OTHER
PROTECTIVE EQUIPMENT.....EMERGENCY EYE WASH STATIONS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE WORK AREA. IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED.

SECTION 9 SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE...STORE IN A WELL VENTILATED AREA AWAY FROM STRONG OXIDIZING AGENTS AND SOURCES OF HEAT OR IGNITION. FOLLOW GOOD HYGIENIC PRACTICES TO AVOID POTENTIAL CHRONIC EFFECTS. CONTAMINATED CLOTHING SHOULD BE REMOVED AND LAUNDERED BEFORE REUSE. AVOID REPEATED OR PROLONGED CONTACT WITH THE MATERIAL. IF MATERIAL IS HEATED, AVOID INHALATION OF VAPORS. DO NOT EAT OR SMOKE IN AREAS WHERE THIS MATERIAL IS USED OR STORED.

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SECTION 9 SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES CONT'D

STEPS TO BE TAKEN
IN CASE MATERIAL IS
RELEASED OR SPILLED.....WHEN MATERIAL IS IN CONTACT WITH HOT OBJECTS,
AVOID BREATHING FUMES. REMOVE IGNITION
SOURCES. COVER WITH AN EXCESS OF AN INORGANIC
ABSORBENT MATERIAL (VERMICULITE). SWEEP UP AND
PLACE IN LABELED DRUM. PREVENT RUN-OFF TO SEWERS,
STREAMS, OR OTHER BODIES OF WATER. IF RUN-OFF
OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED THAT
A SPILL HAS OCCURRED.

WASTE DISPOSAL METHOD....DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

SECTION 10 ABBREVIATION SYMBOLS

ND - NOT DETERMINED

NE - NOT ESTABLISHED

NA - NOT AVAILABLE

PROP - PROPRIETARY TO THE RAW MATERIAL VENDOR

SECTION 11 SUPPLIER INFORMATION

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN
PREPARED IN ACCORDANCE WITH THE OSHA HAZARD COMMUNICATION STANDARD,
CFR1910.1200. THIS INFORMATION RELATES SPECIFICALLY TO THE PRODUCT
DESIGNATED AND MAY NOT BE VALID FOR THE PRODUCT WHEN USED IN COMBINATION
WITH ANY OTHER MATERIALS OR PRODUCTS OR IN A PARTICULAR PROCESS. THE
INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND
RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR
GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. THE
USER SHOULD REVIEW THIS INFORMATION, SATISFY ONESELF AS TO ITS SUITABILITY
AND COMPLETENESS, AND PASS ON THE INFORMATION TO ITS EMPLOYEES OR CUSTOMERS
IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE OR LOCAL HAZARD COMMUNICATIONS
REQUIREMENTS. WE DO NOT ACCEPT RESPONSIBILITY FOR ANY LOSS OR DAMAGE WHICH
MAY OCCUR FROM THE USE OF THIS INFORMATION.

REVISION SUMMARY FOR MSDS 125-6326

Date Prepared: 18 May 1999

Last Revised: 01 November 1994

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Summary of Revisions: Revised MSDS per EC 0990-0580-99