

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: TISSUE-TEK MOLD
RELEASE CONCENTRATE

REGULATED BY OSHA 29 CFR 1910.1200 PRODUCT NO.: 4141 M7310

MANUFACTURER HEALTH: 2

MILES INC. EMERGENCY TELEPHONE HMIS FIRE: 3
DIAGNOSTICS DIVISION 1-800-348-8100 (MILES) HAZARD
ELKHART IN., (46515) 1-800-424-9300 (CHEM- RATING REACTIVITY: 1
USA TREC)
PERSONAL PROTECTION: H

SECTION I: IDENTIFICATION

PRODUCT NAME: TISSUE-TEK MOLD RELEASE CONCENTRATE PRODUCT NUMBER: 4141

CHEMICAL NAME: MIXTURE

DATE PREPARED: JANUARY 23, 1991 NEW: REVISED: X

SECTION II: HAZARDOUS INGREDIENTS

CAS #	COMPONENT	AMOUNT	EXPOSURE LIMITS
64-17-5	ETHYL ALCOHOL	44 %	PEL-TLV AIR 1000 PPM
67-56-1	METHYL ALCOHOL**	2.3%	PEL-TLV AIR 200 PPM
9036-19-5	OCTYLPHENOXPOLYETHOXYETHANOL	50%	ORAL RAT LD50 1900 MG/KG

**REPORTING REQUIRED BY SARA TITLE III SECTION 313 (40 CFR 372) ABOVE 1 %.

SECTION III: PHYSICAL DATA

APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID WITH ALCOHOL ODOR. PH: N/D

BOILING POINT (F): APPROX 173 F SPECIFIC GRAVITY: N/D (H2O=1)

SOLUBILITY IN WATER: COMPLETE EVAPORATION RATE: N/D

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): SD 3A ALCOHOL HAS A 60 F TAG CLOSED CUP

FLAMMABLE LIMIT: L-3.3 F, U-19F

EXTINGUISHING MEDIA: USE DRY CHEMICAL, "ALCOHOL" FOAM OR CARBON DIOXIDE.
WATER MAY BE INEFFECTIVE. USE WATER TO COOL SURROUNDING AREA.

N/D = NOT DETERMINED N/A = NOT APPLICABLE

SPECIAL FIRE FIGHTING PROCEDURE: WEAR SELF-CONTAINED BREATHING APPARATUS WITH
POSITIVE PRESSURE MODE AND FULL FACE MASK.

UNUSUAL FIRE AND EXPLOSION HAZARDS: ETHYL ALCOHOL WILL AUTO IGNITE AT 685 F

SECTION V: HEALTH AND HAZARD DATA

THRESHOLD LIMIT VALUE OF PRODUCT/MIXTURE: N/D

EFFECTS OF OVEREXPOSURE: NAUSEA, VOMITING, POSSIBLE DEATH OR BLINDNESS IF
LARGE VOLUME (100 ML) INGESTED.

CARCINOGEN OR SUSPECTED CARCINOGEN: NO

EMERGENCY AND FIRST AID PROCEDURES: CALL A PHYSICIAN AND ARRANGE FOR TRANSPORT TO NEAREST ER.

WHILE AWAITING PHYSICIAN OR TRANSPORT TO ER:

INHALATION: REMOVE VICTIM TO FRESH AIR. IF PERSON HAS STOPPED BREATHING GIVE ARTIFICIAL RESPIRATION.

INGESTION: IF VICTIM IS CONSCIOUS AND ABLE TO SWALLOW, HAVE THEM DRINK WATER OR MILK TO DILUTE. INDUCE VOMITING ONLY IF ADVISED BY PHYSICIAN OR POISON CONTROL CENTER.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND RINSE EXPOSED SKIN WITH COPIOUS QUANTITIES OF WATER. WASH WITH SOAP AND RINSE AREA WITH WATER.

EYE CONTACT: EYE, SKIN AND MUCOUS MEMBRANE IRRITANT. FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 - 20 MINUTES. RAISE EYE LIDS TO ASSURE COMPLETE FLUSHING.

SECTION VI: REACTIVITY DATA

STABILITY: UNSTABLE: STABLE: X

CONDITIONS TO AVOID: AVOID OPEN OR EXPOSED FLAMES AND HIGH STORAGE TEMPERATURES

MATERIALS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS: N/D

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

CONDITIONS TO AVOID: AVOID OXIDIZING AGENTS, ACETYL CHLORIDES.

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: EXTINGUISH ALL OPEN FLAMES. DIKE AROUND THE AREA. TAKE UP WITH ABSORBENT MATERIAL AND PLACE IN A DISPOSABLE CONTAINER.

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

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SECTION VIII: SPECIAL PROTECTION INFORMATION

VENTILATION: GOOD GENERAL ROOM VENTILATION.

RESPIRATORY PROTECTION (SPECIFY TYPE): N/D

PROTECTIVE GLOVES: STANDARD RUBBER LABORATORY CHEMICAL GLOVES.

EYE PROTECTION: STANDARD LABORATORY SAFETY GLASSES.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: CONTACT LENSES SHOULD NOT BE WORN.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AS STATED ON THE CONTAINER LABEL.

PREPARED BY: H W NASS 3/5/91

THE OPINIONS EXPRESSED HEREIN ARE THOSE OF QUALIFIED EXPERTS WITHIN MILES INC. WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THIS MATERIAL SAFETY DATA SHEET. SINCE THE USE OF THIS INFORMATION AND THESE OPINIONS AND THE CONDITIONS OF USE OF THE PRODUCT ARE NOT WITHIN THE CONTROL OF MILES INC., IT IS THE USER'S OBLIGATION TO ASSURE SAFE USE OF THE PRODUCT.

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