

KLEERSEAL PRO

MSDS Information

Material Safety Data Sheet

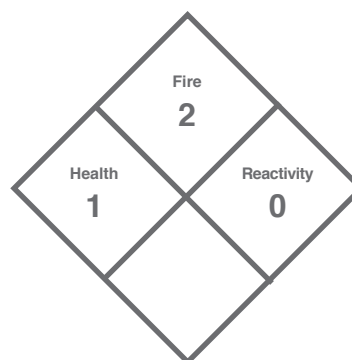
Product Name: KLEERSEAL PRO

24 Hour Emergency Number - Chem-Tel: 1-800-255-3924

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SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KLEERSEAL PRO

SYNONYMS: NONE

PRODUCT CODE: MTKSPRO

PRODUCT USE: MARBLE AND STONE SEALER. OIL & WATER STAIN RESISTANT

MANUFACTURER: MAR-TEK INDUSTRIES

ADDRESS: 300 INDUSTRIAL DRIVE

FORNEY, TX 75126

EMERGENCY PHONE: (800)255-3924 CHEM-TEL (CHEMICAL EMERGENCIES ONLY)

OTHER CALLS: (PRODUCT INFO) 214-350-9401

FAX PHONE: 214-351-5435

PREPARED BY: R.L. SCHIEGG

SECTION 2

COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO	%WT	SARA 313 REPORTABLE
ALIPHATIC HYDROCARBON	64742-47-8	< 60	NO
NIOSH & OSHA		NOT EVALUATED	
N-BUTYL ACETATE	123-86-4	> 5	NO
NIOSH REL - TWA	150 PPM		710 MG/M ³ (ST 200 PPM)*
OSHA REL_TWO	150 PPM		710 MG/M ³

*ST=STEL= 15 MINUTE TWA EXPOSURE THAT SHOULD NOT BE EXCEEDED AT ANY TIME DURING A WORK DAY.

SECTION 3

HAZARDOUS IDENTIFICATION

ROUTES OF ENTRY:

INHALATION:	YES (MISTS)
SKIN:	YES
INGESTION:	YES
EYES:	YES

POTENTIAL HEALTH EFFECTS:

INHALATION: HIGH VAPOR/AEROSOL CONCENTRATIONS (ATTAINABLE AT ELEVATED TEMPERATURES WELL ABOVE AMBIENT) ARE IRRITATING TO THE EYES AND RESPIRATORY TRACT AND MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH.

SKIN: LOW ORDER OF TOXICITY. FREQUENT OR PROLONGED CONTACT MAY IRRITATE AND CAUSE DERMATITIS. SKIN CONTACT MAY AGGRAVATE EXISTING SKIN CONDITIONS.

KLEERSEAL PRO MSDS INFORMATION

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MSDS Information

Material Safety Data Sheet

INGESTION: SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY PROGRESSING TO DEATH.

EYES: SLIGHTLY IRRITATING BUT DOES NOT INJURE THE TISSUE.

ACUTE HEALTH HAZARDS: THE TOXICOLOGICAL PROPERTIES OF THIS COMPOUND HAVE NOT BEEN FULLY TESTED.

CHRONIC HEALTH HAZARDS: THE TOXICOLOGICAL PROPERTIES OF THIS COMPOUND HAVE NOT BEEN FULLY TESTED.

AGGRAVATION OF PRE-EXISTING CONDITIONS: THE TOXICOLOGICAL PROPERTIES OF THIS COMPOUND HAVE NOT BEEN FULLY TESTED.

HEALTH CONDITIONS: CONTACT OR BREATHING MISTS MAY EXACERBATE EXISTING SKIN OR RESPIRATORY DISORDERS.

CARCINOGENICITY:

OSHA REGULATED: NO ACGIH: NO NTP: NO IARC MONOGRAPHS: NO

OTHER: NONE

SECTION 4

FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES. LIFT EYELIDS WHILE FLUSHING TO DECONTAMINATE ALL AREAS AROUND THE EYE AND EYELID. GET MEDICAL ATTENTION AS SOON AS THE FIRST AID HAS BEEN ADMINISTERED.

SKIN: REMOVE CONTAMINATED CLOTHING. WASH EFFECTED AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. DECONTAMINATE CLOTHING AND SHOES BEFORE REUSE. DISCARD CONTAMINATED LEATHER ARTICLES.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

INHALATION: EVACUATE TO A SAFE AREA WITH PLENTY OF FRESH AIR. ALLOW THE AFFECTED INDIVIDUAL TO REST IN A WELL VENTILATED AREA. IF BREATHING DISTRESS CONTINUES, SEEK MEDICAL AID IMMEDIATELY.

SECTION 5

FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: UPPER: 0.7
LOWER: 5.3

FLASH POINT: 125 °F
METHOD USED: TCC ASTM D56
AUTO-IGNITION TEMPERATURE: >400 °F

NFPA HAZARD CLASSIFICATION: HEALTH 1 FLAMMABILITY 2 REACTIVITY 0 OTHER NONE

HMIS CLASSIFICATION: HEALTH 1 FLAMMABILITY 2 REACTIVITY 0 OTHER NONE

EXTINGUISHING MEDIA: USE FOAM, DRY CHEMICAL OR WATER SPRAY TO EXTINGUISH FIRE.

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MSDS Information

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SPECIAL FIRE FIGHTING PROCEDURES: KEEP CONTAINERS COOL WITH A WATER SPRAY IF INVOLVED IN A FIRE.

UNUSUAL FIRE HAZARDS: COMBUSTIBLE LIQUID. CAN FORM COMBUSTIBLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASH POINT. EMPTY CONTAINERS ARE DANGEROUS AS THEY CONTAIN PRODUCT RESIDUE. WHEN EXPOSED TO SPARKS, HEAT, FLAME OR STATIC DISCHARGE OR OTHER SOURCES OF IGNITION MAY EXPLODE AND CAUSE INJURY OR DEATH.

HAZARDOUS DECOMPOSITION HAZARDS: CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN FLUORIDE AND OTHER UNKNOWN COMPOUNDS.

SECTION 6

ACCIDENTAL RELEASE MEASURES

LAND SPILL: ELIMINATE SOURCES OF IGNITION. PREVENT ADDITIONAL DISCHARGE OF MATERIAL IF POSSIBLE. TO DO WITHOUT HAZARD. FOR SMALL SPILLS IMPLEMENT CLEANUP PROCEDURES; FOR LARGE SPILLS IMPLEMENT CLEANUP PROCEDURES AND IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES.

PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES, OR LOW AREAS. CONTAIN LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST.

RECOVER BY PUMPING (USE AN EXPLOSION PROOF OR HAND PUMP) OR WITH A SUITABLE ABSORBENT. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY WITH LOCAL DISPOSAL REGULATIONS.

WATER SPILL: ELIMINATE SOURCES OF IGNITION. WARN OCCUPANTS AND SHIPPING IN SURROUNDING AND DOWNWIND AREAS OF FIRE AND EXPLOSION HAZARDS AND REQUEST THAT ALL STAY CLEAR.

REMOVE FROM SURFACE BY SKIMMING OR WITH SUITABLE ABSORBENTS. IF ALLOWED BY LOCAL AUTHORITIES AND ENVIRONMENTAL AGENCIES, SINKING AND/OR SUITABLE DISPERSANTS MAY BE USED IN NON-CONFINED AREAS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIALS AND ENSURE CONFORMITY WITH LOCAL DISPOSAL REGULATIONS.

SECTION 7

HANDLING AND STORAGE

HANDLING AND STORAGE: AVOID CONTACT WITH SKIN AND EYES. KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE IN A DRY, COOL, WELL-VENTILATED AREA. EMPTY CONTAINERS MAY CONTAIN RESIDUE. ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH ALL GOVERNMENT REGULATIONS. KEEP THIS AND ALL CHEMICALS OUT OF HANDS OF CHILDREN.

OTHER PRECAUTIONS: THIS PRODUCT IS AN ELECTROSTATIC ACCUMULATION HAZARD. USE PROPER GROUNDING WHEN TRANSFERRING.

SECTION 8

EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: NONE USUALLY NEEDED

VENTILATION: THE USE OF LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL PROCESS EMISSIONS NEAR THE SOURCE. PROVIDE MECHANICAL VENTILATION OF CONFINED SPACES.

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RESPIRATORY PROTECTION: USE A WELL-VENTILATED AREA. IF MIST OR DUST IS BEING GENERATED AND EXCEEDS THE TLV A RESPIRATORY PROGRAM MEETING OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED.

EYE PROTECTION: SAFETY GLASSES (ANSI Z87.1) OR APPROVED EQUIVALENT AS NECESSARY TO MINIMIZE EYE CONTACT.

SKIN PROTECTION: NEOPRENE OR OTHER MATERIALS MAY BE USED IF DOCUMENTED EVIDENCE OF COMPATIBILITY.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NEOPRENE APRONS, OVERSHOES, OVER-SLEEVES OR OTHER IMPERVIOUS CLOTHING AS NECESSARY TO MINIMIZE EXPOSURE.

WORK HYGIENIC PRACTICES: USE PROPER INDUSTRIAL HYGIENE PRACTICES TO MINIMIZE HAZARDOUS EXPOSURE. WASH HANDS AFTER HANDLING THIS MATERIAL BEFORE EATING OR SMOKING.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	COLORLESS LIQUID
ODOR:	SLIGHT ESTER
PH AS SUPPLIED	NOT DETERMINED
BOILING POINT:	375 °F (APPROXIMATELY)
FREEZING POINT:	NOT DETERMINED
VAPOR PRESSURE:	NOT DETERMINED
VAPOR DENSITY: (AIR=1)	NOT DETERMINED
SPECIFIC GRAVITY: (H ₂ O)	0.798
SOLUBILITY IN WATER	NOT SOLUBLE

SECTION 10

STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY (VOID) REACTS WITH WATER, MOISTURE TO FORM ETHANOL.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: OXIDES OF CARBON, OXIDES OF SILICON, HYDROGEN FLUORIDE AND OTHER UNKNOWN PRODUCTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN

SECTION 11

TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: REFER TO SECTION 3 FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH EFFECTS.

SECTION 12

ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: NOT AVAILABLE

SECTION 13

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: REFER TO SECTIONS 5, 6 AND 11 FOR DISPOSAL INFORMATION..

RCRA HAZARD CLASS: COMBUSTIBLE LIQUID

SECTION 14

TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:

PROPER SHIPPING NAME: ORM-D

HAZARD CLASS: NONE

PACKAGING GROUP: NOT APPLICABLE

LABEL STATEMENT: NONE

OTHER AGENCIES: NONE

NOTE: IF SHIPPED IN CONTAINERS OF MORE THAN 1 GALLON CONTACT MANUFACTURER FOR PROPER SHIPPING INSTRUCTIONS.

SECTION 15

REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCES CONTROL ACT)

ALL INGREDIENTS ARE TSCA LISTED.

CERCLA: (COMPREHENSIVE RESPONSE
COMPENSATION AND LIABILITY ACT)

NONE

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SECTION 302: EHS REPORTING NOT REQUIRED.

SECTION 304: HAZARDOUS RELEASE REPORTING NOT REQUIRED.

311: REPORTING NOT REQUIRED.

SECTION 312: INVENTORY REPORTING NOT REQUIRED.

SECTION 313: EMISSION AND RELESE REPORTING NOT REQUIRED.

STATE REGULATION:

CALIFORNIA PROPOSITION 65: NO SUBSTANCE PRESENT.

MASSACHUSETTS RIGHT TO KNOW ACT: NO SUBSTANCE PRESENT.

NEW JERSEY RIGHT TO KNOW ACT: NO SUBSTANCE PRESENT.

PENNSYLVANIA RIGTH TO KNOW ACT: NO SUBSTANCE PRESENT.

SECTION 16

OTHER INFORMATION

PREPARATION INFORMATION: PREPARED BY R.L. SCHIEGG

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MSDS CHANGES: NEW FORMAT (U.S.)

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