

MATERIAL SAFETY DATA SHEET

TILE STAR TILE PROTECTOR

DATE: 12/31/03

SUPERSEDES: 3/1/02

HAZARD RATINGS (0-4)

FIRE 0 REACTIVITY 0

TOXICITY 2 SPECIAL

SUPPLIER: MIDLAND PRODUCTS
18600 GRAPHICS COURT TINLEY PARK, IL 60477
(708) 444-8200

TRADE NAME: TILE STAR TILE PROTECTOR
PRODUCT TYPE: OIL/WATER REPELLENT MASONRY TREATMENT
CHEMICAL FORMULA: N/A
CHEMICAL NAME: FLUORINATED POLYMER COATING

COMPONENT LIST - SECTION I

<u>COMPONENT</u>	<u>CAS</u>		<u>TLV</u>	<u>TLV</u>
	<u>REG#</u>	<u>%</u>	<u>OSHA</u>	<u>ACGIH</u>
FLUORINATED POLYMER	N/E	< 5	N/E	N/E

This product contains no ingredients that are listed in the SARA III, Section 313 Inventory.

PHYSICAL PROPERTIES - SECTION II

APPEARANCE: NEARLY CLEAR, COLORLESS SOLUTION WITH FAINT VINEGAR ODOR
pH: 4.7
VISCOSITY: < 10 CPS
FREEZING POINT: ~ 32° F
BOILING POINT: ~ 100° F, WATER
VAPOR PRESSURE: ~ 18
VAPOR DENSITY: <1
SOLUBILITY IN WATER: COMPLETE
VOLATILE (% WT): 95 +
SPECIFIC GRAVITY: 1.00
EVAPORATION RATE: <1

FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: NONE
LOWER EXPLOSION LIMIT: N/E UPPER EXPLOSION LIMIT: N/E
AUTO IGNITION TEMP: N/E
EXTINGUISHING MEDIUM: N/A
SPECIAL FIRE FIGHTING PROCEDURES:
NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE

HEALTH HAZARDS - SECTION IV

THRESHOLD LIMIT VALUES: NONE ESTABLISHED
PRIMARY ROUTES OF EXPOSURE: EYE, SKIN
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS: NONE
EFFECTS OF OVEREXPOSURE:
IF IN EYES: MAY CAUSE IRRITATION.
IF ON SKIN: MAY CAUSE IRRITATION.
IF INHALED: INHALATION OF SPRAY OR MIST MAY CAUSE NASAL, THROAT OR LUNG IRRITATION,
INCLUDING PULMONARY EDEMA. SEVERE OVEREXPOSURE MAY BE FATAL.

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EMERGENCY AND FIRST AID PROCEDURES:

IF INHALED: REMOVE TO FRESH AIR. IF NECESSARY GIVE ARTIFICIAL RESPIRATION AND OBTAIN MEDICAL HELP.

IF ON SKIN: WASH WITH WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

IF IN EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SEE A PHYSICIAN.

REACTIVITY - SECTION V

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS: DURING COMBUSTION TOXIC GASSES SUCH AS CARBON MON-OXIDE AND HYDROGEN FLUORIDE MAY BE FORMED.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

SPILLS OR LEAK PROCEDURE - SECTION VI

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

DIKE SPILL. DO NOT ALLOW PRODUCT TO ENTER SEWERS OR WATERWAYS. SOAK UP WITH SAWDUST OR OTHER ABSORBENT.

SMALL SPILLS MAY BE ALLOWED TO SOAK INTO CONCRETE AND DRY.

WASTE DISPOSAL METHODS:

DISPOSAL MUST BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

SPECIAL PROTECTION - SECTION VII

VENTILATION TYPE: GENERAL VENTILATION UNLESS MIST IS GENERATED.

RESPIRATORY PROTECTION: USE APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR IF MIST IS GENERATED DURING APPLICATION.

PROTECTIVE GLOVES: RUBBER, NEOPRENE

EYE PROTECTION: RECOMMENDED

OTHER PROTECTIVE EQUIPMENT:

STORAGE AND HANDLING - SECTION VIII

AVOID BREATHING VAPORS AND MISTS.

SHIPPING - SECTION IX

PROPER SHIPPING NAME: PAINTS, STAINS OR VARNISHES, NOI

MISCELLANEOUS - SECTION X

IMPORTANT: SPRAY ONLY WITH LOW PRESSURE SPRAYER SUCH AS A GARDEN SPRAYER. POWERED OR HIGH PRESSURE SPRAYERS WILL GENERATE MISTS WHICH ARE DANGEROUS TO BREATHE.

ABBREVIATIONS:

N/A: NOT APPLICABLE UNK: UNKNOWN

N/D: NOT DETERMINED < : LESS THAN

N/E: NOT ESTABLISHED > : GREATER THAN

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