

MATERIAL SAFETY DATA SHEET

TILE STAR MATTE FINISH SEALER

DATE: 12/31/03

SUPERSEDES: 3/1/02

HAZARD RATINGS (0-4)

FIRE 0

REACTIVITY 0

TOXICITY 1

SPECIAL

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

TRADE NAME: TILE STAR MATTE FINISH SEALER
PRODUCT TYPE: AQUEOUS LOW GLOSS FLOOR POLISH
CHEMICAL FORMULA: N/A
CHEMICAL NAME: AQUEOUS ACRYLIC FLOOR POLISH

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>
ACRYLIC POLYMER	NON HAZ	30 - 45	N/E	N/E
DIETHYLENE GLYCOL MONOETHYL ETHER*	111-90-0	2 - 5	N/E	N/E
TRIBUTOXY ETHYL PHOSPHATE	78-51-3	1 - 3	N/E	N/E
EMULSIFIED HYDROCARBON WAXES	NON HAZ	15 - 20	N/E	N/E
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1 - 3	100 ppm	100 ppm

*This item is subject to reporting requirements under SARA III, Section 313.

PHYSICAL PROPERTIES - SECTION II

APPEARANCE: OPAQUE WHITE LIQUID WITH MILD ACRYLIC ODOR
pH: 7.0 - 9.5
VISCOSITY: ZAHN #2 < 10
FREEZING POINT: ~ 32 F
BOILING POINT: ~ 212° F, WATER
VAPOR PRESSURE: >17 mm Hg @ 68° F
VAPOR DENSITY: >1
SOLUBILITY IN WATER: DILUTABLE
VOLATILE (% WT): 82
SPECIFIC GRAVITY: ~ 1
EVAPORATION RATE: <1

FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: NONE
LOWER EXPLOSION LIMIT: N/A UPPER EXPLOSION LIMIT: N/A
AUTO IGNITION TEMP: N/A
EXTINGUISHING MEDIUM: N/A
SPECIAL FIRE FIGHTING PROCEDURES:
NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS:
MATERIAL CAN SPLATTER ABOVE 100 C.

HEALTH HAZARDS - SECTION IV

THRESHOLD LIMIT VALUES: NONE ESTABLISHED
PRIMARY ROUTES OF EXPOSURE: SKIN
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS: NONE
EFFECTS OF OVEREXPOSURE:
IF ON SKIN - IRRITATING TO SKIN UPON REPEATED OR PROLONGED CONTACT.
IF IN EYES - SLIGHTLY IRRITATING TO EYES.
IF INHALED - VAPOR OR MIST CAN IRRITATE THE NOSE, THROAT AND LUNGS AND CAUSE NAUSEA.

TILE STAR MATTE FINISH SEALER - PAGE 2

EMERGENCY AND FIRST AID PROCEDURES:

EYE AND SKIN CONTACT: FLUSH EYES WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES. SEE A PHYSICIAN IF IRRITATION PERSISTS. WASH AFFECTED SKIN AREAS WITH SOAP AND WATER.

INGESTION: IF SWALLOWED, DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. DO NOT INDUCE VOMITING. SEE A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: MOVE SUBJECT TO FRESH AIR.

REACTIVITY - SECTION V

STABILITY: STABLE

CONDITIONS TO AVOID: TEMPERATURES ABOVE 177 C/350 F.

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

INCOMPATIBILITY (MATERIALS TO AVOID): N/A

SPILLS OR LEAK PROCEDURE - SECTION VI

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

HALT SPILL AT SOURCE IF POSSIBLE. COLLECT SPILLS WITH ABSORBANT MATERIAL. REMOVE CONTAMINATED ABSORBANT TO SUITABLE CONTAINERS. HOLD FOR PROPER DISPOSAL. FLUSH SPILL AREA WITH WATER TO REMOVE ANY RESIDUE. NOTIFY LOCAL, STATE, AND FEDERAL OFFICIALS AS REQUIRED.

WASTE DISPOSAL METHODS:

INCINERATE AT APPROVED HAZARDOUS WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SPECIAL PROTECTION - SECTION VII

VENTILATION TYPE: LOCAL

RESPIRATORY PROTECTION: NONE REQUIRED UNDER NORMAL USE CONDITIONS.

PROTECTIVE GLOVES: IMPERVIOUS.

EYE PROTECTION: NONE REQUIRED UNDER NORMAL USE CONDITIONS, WEAR CHEMICAL GOGGLES IF SPLASHING LIKELY.

OTHER PROTECTIVE EQUIPMENT: N/A

STORAGE AND HANDLING - SECTION VIII

STORE BETWEEN 40 AND 90° F. DO NOT FREEZE - PRODUCT MAY COAGULATE.

SHIPPING - SECTION IX

PROPER SHIPPING NAME: BUFFING AND POLISHING COMPOUND, NOI

MISCELLANEOUS - SECTION X

VOC: < 4.5%

ABBREVIATIONS: N/A: NOT APPLICABLE UNK: UNKNOWN

N/D: NOT DETERMINED < : LESS THAN

N/E: NOT ESTABLISHED > : GREATER THAN

PREPARED BY: JOHN ROTH