

MATERIAL SAFETY DATA SHEET

TILE STAR LATEX REINFORCING MIX

DATE: 12/31/03
SUPERSEDES: 3/1/02

HAZARD RATINGS (0-4)
FIRE 0 REACTIVITY 0
TOXICITY 0 SPECIAL

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

TRADE NAME: TILE STAR LATEX REINFORCING MIX
PRODUCT TYPE: AQUEOUS MODIFIED POLYMER EMULSION
CHEMICAL FORMULA: MIXTURE
CHEMICAL NAME: N/A

COMPONENT LIST - SECTION I

<u>COMPONENT</u>	<u>CAS</u> <u>REG#</u>	<u>%</u>	<u>TLV</u> <u>OSHA</u>	<u>TLV</u> <u>ACGIH</u>
MODIFIED POLYMER EMULSION*	NONE (MIXTURE)	10 - 20	N/A	N/A

*Residual Monomer < 0.1%

PHYSICAL PROPERTIES - SECTION II

APPEARANCE: OPAQUE WHITE LIQUID
pH: 7 - 8
VISCOSITY: 3.5 CPS
FREEZING/THAW STABILITY: 32 F, WATER
BOILING POINT: 212° F, WATER
VAPOR PRESSURE: < 17.5
VAPOR DENSITY: <1
SOLUBILITY IN WATER: DILUTABLE
VOLATILE (% WT): 85 - 95
SPECIFIC GRAVITY: 1.00
EVAPORATION RATE: <1

FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: NONE
LOWER EXPLOSION LIMIT: N/D UPPER EXPLOSION LIMIT: N/D
AUTO IGNITION TEMP: N/D
EXTINGUISHING MEDIUM: N/A
SPECIAL FIRE FIGHTING PROCEDURES:
 WATER MAY BE USEFUL IN KEEPING FIRE-EXPOSED CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
 CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY RUPTURE DUE TO PRESSURE BUILDUP.

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 - DIRECT CONTACT MAY CAUSE SLIGHT IRRITATION.
 IF ON SKIN - PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION AND TRANSIENT REDDENING OF SKIN.
 IF INHALED - NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.
TOXICOLOGY STUDIES OF SIMILAR MATERIALS HAVE SHOWN MATERIAL TO BE OF VERY LOW ACUTE TOXICITY.

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EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: HOLDING LIDS APART, FLUSH WITH A GENTLE STREAM OF WATER FOR 15 MINUTES. IF IRRITATION OR REDNESS PERSIST, SEEK MEDICAL ATTENTION.

IF ON SKIN: WASH WITH SOAP AND WATER.

IF INHALED: NO EMERGENCY CARE ANTICIPATED.

IF SWALLOWED: DRINK TWO TO THREE CUPS OF MILK, FRUIT JUICE OR WATER. NO OTHER FIRST AID NORMALLY REQUIRED.

REACTIVITY - SECTION V

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: WHEN WATER EVAPORATES, POLYMER CAN BURN AND PRODUCE CARBON DIOXIDE AND CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

INCOMPATIBILITY (MATERIALS TO AVOID): NO HAZARDOUS REACTIONS EXPECTED UNDER NORMAL USE.

SPILLS OR LEAK PROCEDURE - SECTION VI

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

FOR SMALL SPILLS, WIPE UP WITH SUITABLE ABSORBENT. WASH AREA WITH WATER.

FOR LARGE SPILLS, COLLECT FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWER SYSTEM OR NATURAL WATERWAYS.

WASTE DISPOSAL METHODS:

BURY LARGE SPILLS IN LANDFILL WHERE PERMITTED UNDER APPROPRIATE GOVERNMENT REGULATIONS.

SPECIAL PROTECTION - SECTION VII

VENTILATION TYPE: GENERAL (MECHANICAL) ROOM VENTILATION IS EXPECTED TO BE SATISFACTORY.

RESPIRATORY PROTECTION: NONE REQUIRED.

PROTECTIVE GLOVES: NONE UNDER ORDINARY USE.

EYE PROTECTION: NONE UNDER ORDINARY USE CONDITIONS.

OTHER PROTECTIVE EQUIPMENT: N/A

STORAGE AND HANDLING - SECTION VIII

STORE BETWEEN 40 AND 90° F. DO NOT FREEZE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

SHIPPING - SECTION IX

PROPER SHIPPING NAME: COMPOUNDS, CLEANING LIQUID, NOI

MISCELLANEOUS - SECTION X

ABBREVIATIONS: N/A: NOT APPLICABLE UNK: UNKNOWN

N/D: NOT DETERMINED < : LESS THAN

N/E: NOT ESTABLISHED > : GREATER THAN

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