

# 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  
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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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