

# MATERIAL SAFETY DATA SHEET

## TILE STAR LATEX PRIMER

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 LATEX PRIMER  
PRODUCT TYPE: AQUEOUS POLYMER EMULSION COATING  
CHEMICAL FORMULA: MIXTURE  
CHEMICAL NAME: N/A

### 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>
MODIFIED ACRYLIC EMULSION POLYMER*	NON HAZ	25 - 35	N/A	N/A

\*Residual Monomer < 0.1%

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

### PHYSICAL PROPERTIES - SECTION II

APPEARANCE: OPAQUE WHITE LIQUID WITH SLIGHT AMMONIA ODOR  
pH: 9.0  
VISCOSITY: 850 CPS  
FREEZING/THAW STABILITY: PASSES 3 CYCLES  
BOILING POINT: 212° F, WATER  
VAPOR PRESSURE: < 17.5  
VAPOR DENSITY: <1  
SOLUBILITY IN WATER: COMPLETE  
VOLATILE (% WT): 80 - 85  
SPECIFIC GRAVITY: 1.0 - 1.2  
EVAPORATION RATE: <1

### FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: > 210 F  
LOWER EXPLOSION LIMIT: N/A UPPER EXPLOSION LIMIT: N/A  
AUTO IGNITION TEMP: N/A  
EXTINGUISHING MEDIUM: FOAM, CO<sub>2</sub>, DRY CHEMICAL  
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.  
PRODUCT MAY SPLATTER ABOVE 212 F. POLYMER FILM CAN BURN.

### 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 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 PERSISTS, CALL A PHYSICIAN.

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: PAINT RELATED MATERIAL.

**MISCELLANEOUS - SECTION X**

ABBREVIATIONS: N/A: NOT APPLICABLE UNK: UNKNOWN

N/D: NOT DETERMINED < : LESS THAN

N/E: NOT ESTABLISHED > : GREATER THAN

PREPARED BY: JOHN ROTH