

# MATERIAL SAFETY DATA SHEET

N/A=NOT APPLICABLE

EFFECTIVE DATE 06/03

## SECTION 1 - PRODUCT IDENTIFICATION

Product Name: URETHANE FINISH/SEAL EMULSION (FW714)      Chemical Family: CLEANING COMPOUND  
Supplier's Name: Banner Chemical Corp.                      Proper Shipping Name: CLEANING COMPOUND  
Supplier's Address: 111 Hill St.                                      DOT Shipping Hazard: N/A  
Orange, N.J. 07050    DOT Labels Required: N/A

EMERGENCY TELEPHONE NUMBER 973/676-2900

HMIS RATING (0-4): HEALTH: 1    FIRE: 0    REACTIVITY: 0

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	% (optional)	TLV(ACGIH)
*DEG Methyl ether	111-77-3	0.9 max.	1 ppm.
*Formaldehyde	50-00-0	0.1 max.	2 ppm.
*Aqua Ammonia	7664-41-7	0.5 max.	25 ppm.

\*This toxic chemical is subject to reporting requirements of Sec. 313-SARA Title III-40CFR. Part 372.

## SECTION 3 - PHYSICAL DATA

BOILING POINT: c. 100°C  
VAPOR PRESSURE (mmHg @ 20°C): 20  
VAPOR DENSITY (air=1): >1  
SPECIFIC GRAVITY: 1.0-1.1

## SECTION 4 - FIRE and EXPLOSION DATA

FLASH POINT: None at boiling  
FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: Media proper to primary cause of fire.  
SPECIAL FIREFIGHTING PROCEDURES: Use self-contained NIOSH approved respirator.

PHYSICAL DESCRIPTION: Off-white emulsion; slight ammoniacal odor.

pH: 8.5

UNUSUAL FIRE & EXPLOSION HAZARD: Can splatter above 212°F.

SOLUBILITY IN WATER: 100%

EVAPORATION RATE: 1

% VOLATILE BY VOLUME: 86

## SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not established

EFFECTS OF OVEREXPOSURE: EYE: May irritate. SKIN: May cause dermatitis. INHALATION: May cause irritation. INGESTION: May cause nausea, vomiting, diarrhea.

EMERGENCY & FIRST AID PROCEDURES: EYE: Flush with copious amount of water for at least 15 min. SKIN: Wash with soap & water. INHALATION: Remove to fresh air. INGESTION: Induce vomiting. Consult physician. Never give anything by mouth to an unconscious person. In all cases consult a physician.

## SECTION 6 - REACTIVITY DATA

STABILITY: Stable under normal conditions

## SECTION 7 - SPILL or LEAK PROCEDURES

SPILLAGE: Contain spill and absorb with Ban-dri, earth, sand or similar inert material.  
WASTE DISPOSAL METHOD: In a manner consistent with federal, state and local regulations.

INCOMPATIBILITY: Acids; excessive heat; keep from freezing.

HAZARDOUS DECOMPOSITION PRODUCTS: CO; CO<sub>2</sub>; UNIDENTIFIED ORGANIC COMPOUNDS.

HAZARDOUS POLYMERIZATION: Will not occur

## SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Can use N-IOOSH respirator.

VENTILATION: Local exhaust sufficient.

GLOVES: Rubber or plastic coated should be used.

EYE PROTECTION: Safety glasses or shield if splashing expected.

OTHER PROTECTIVE EQUIPMENT: Clothing cover can be used.

## SECTION 9 - SPECIAL PRECAUTIONS

Do not get in eyes or on skin. Wash thoroughly after handling. Use with adequate ventilation. Store away from other chemicals and out of the reach of children. Store in a closed container away from fire and extreme heat. Keep from freezing. Use protective equipment. Do not contaminate feed or foodstuffs.

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