

MATERIAL SAFETY DATA SHEET

N/A=NOT APPLICABLE

EFFECTIVE DATE 10/01

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: CARTON SEALING ADHESIVE (MS101) Chemical Family: SILICATE- CAS NO. 1344-09-8
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: 0 FIRE: 0 REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME CAS NO. % (optional) TLV(ACGIH)

None

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

SECTION 3 - PHYSICAL DATA

BOILING POINT: 214-216°F
VAPOR PRESSURE(mmHg @ 20°C): N/A
VAPOR DENSITY(air=1): N/A
SPECIFIC GRAVITY: 1.30-1.50
PHYSICAL DESCRIPTION: Colorless, turbid liquid; none to slight soapy odor
pH: 11.0-12.5
SOLUBILITY IN WATER: 100%
EVAPORATION RATE: N/A
% VOLATILE BY VOLUME: N/A

SECTION 4 - FIRE and EXPLOSION DATA

FLASH POINT: None at boiling
FLAMMABLE LIMITS: Non-flammable
EXTINGUISHING MEDIA: Media proper to primary cause of fire
SPECIAL FIREFIGHTING PROCEDURES: None known
UNUSUAL FIRE & EXPLOSION HAZARD: None known

SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 2 mg/m³
EFFECTS OF OVEREXPOSURE: No known chronic hazards. Sneezing, burning or itching in nose and throat. Pain, redness and tearing of eyes. Itching and burning of skin. Causes irritation to eyes, skin, respiratory tract, esophagus and stomach.
EMERGENCY & FIRST AID PROCEDURES: SKIN: Remove contaminated clothing and flush skin with water for at least 15 min. Wash clothing before reuse. EYES: Flush eyes with copious amount of water for at least 15 min. while holding eyelids open. INHALATION: Remove victim to fresh air. INGESTION: Do not induce vomiting. Give large quantities of water or milk. Never give anything by mouth to an unconscious person. In all cases consult a physician.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable under normal conditions
INCOMPATIBILITY: Acids: gels when mixed with acids.
DECOMPOSITION PRODUCTS: Hydrogen
HAZARDOUS POLYMERIZATION: Will not occur

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 HAZARDOUS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use N-IOSH respirator if splashing expected
GLOVES: Rubber should be used
OTHER PROTECTIVE EQUIPMENT: Clothing cover can be used
VENTILATION: Local exhaust sufficient
EYE PROTECTION: Safety glasses or shield if splashing expected

SECTION 9 - SPECIAL PRECAUTIONS

Dries to form glass film which can easily cut skin. Spills are very slippery. Can etch glass if not promptly removed. 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. High pH of undiluted or unneutralized material is harmful to aquatic life.

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