

ThermoBond Adhesive

Material Safety Data Sheet

DATE PREPARED: JULY 01, 1997

SECTION I PRODUCT: THERMOBOND LIQUID ADHESIVE UL NO. R9408

Product Identification: ThermoBond Liquid Adhesive distributed by Applegate Louisiana LLC of Monroe, LA

SECTION II INGREDIENTS

Components: Ethylene vinyl acetate polymer 45%, water 55%
Exposure Limits: None Established, product does not require labeling as a hazardous substance within the guidelines of OSHA's hazard communication standard (29CFR1910.1200)

SECTION III PHYSICAL DATA

Description: Milk white liquid, sweet odor
Volatiles by weight: 55%
Molecular formula: mixture
Specific gravity: 1.10
Ph: 5.0±1.0
Evaporation rate: 1 (Water = 1)
Boiling point: 212°F
Vapor pressure: 17MM@20
Vapor density: .62 (Air =1)
Solubility in water: 100% dispersible
Viscosity: 400-600 CPS

SECTION IV FIRE AND EXPLOSION DATA

Autoignition: N/A Upper Explosive Limit: N/A Lower Explosive Limit: N/A
Flash point: N/A
Fire extinguishing: Liquid material is non-flammable. Dry polymer film will burn. Any extinguishing media is suitable for use in dry film fire.
Fire fighting procedures: No special procedures are required.
Fire & explosion hazards: None.

SECTION V HEALTH EFFECTS AND FIRST AID

Eye: As with any foreign material in the eye, allowing the product to remain in the eye may cause a mild irritation. If any should get into the eye, rinse with water until all traces are washed away.
Skin contact: Prolonged skin contact may cause mild irritation. First aid – wash contacted areas thoroughly with soap and water. Launder contaminated clothing before re-use.
Inhalation: Do not breathe fumes, vapors could be irritating to the respiratory system and nasal passages. In the event of overexposure, remove to fresh air. If breathing is difficult, seek medical attention. Product contains small amount of residual monomer (<1%) which could accumulate in the unvented headspace of drums or bulk storage vessels.
Ingestion: Not significantly toxic or corrosive. Induce vomiting if large amount is ingested. Consult a physician.
Toxicity: Generally non-toxic. Use of good industrial hygiene practices is recommended. Avoid direct contact with skin or eyes. Do not ingest. This product may contain small amounts of residual vinyl acetate. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600 PPM over a lifetime: 200 PPM caused irritation: 50 PPM produced no observable effect. There is no evidence of adverse effects to humans exposed to levels at or below the ACGIH TLV of 10 PPM.

SECTION VI RECOMMENDATIONS FOR EMPLOYEE PROTECTION

Eye protection: Safety glasses with side shields or goggles
Gloves: Use of chemically resistant gloves is recommended
Respirator: Not normally required for foreseeable conditions of use
Ventilation: Mechanical ventilation recommended. Open drums in well ventilated area.

SECTION VII REACTIVITY

Reactivity: Stable under normal temperature and pressure
Incompatibilities: Avoid materials which react with water
Decomposition: Burning could result in the formation of CO CO₂.
Polymerization: Will not occur.

SECTION VIII HANDLING AND STORAGE PRECAUTIONS

Conditions to avoid: Avoid freezing. Store at room temperature.
Occupational Spill: Spread absorbent material. Collect in closed containers. Wash area with water. Dispose as below.
Disposal: Dispose of in accordance with federal and/or state regulations covering solid waste disposal.

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