MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NO. 65-512
TRADENAME: MAGIK BATIK (Trademark)
CHEMICAL NAMES: Polyvinylcaprolactam Solution, and
Polyvinyl methylether in Water
CHEMICAL FAMILY: Polymer adhesive (high-molecular ether
in aqueous synthetic adhesive solution)
FORMULA: N/A
MOLECULAR WEIGHT: N/A (Mixture)

SECTION II -- INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>%</th>
<th>PEL/TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>62.5</td>
<td></td>
</tr>
<tr>
<td>Lutonal*M40 Polyvinyl Methylether</td>
<td>12.5</td>
<td>Not Established</td>
</tr>
<tr>
<td>--SARA Title III Sect. 313: Not Listed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS NO. 9003-09-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lubasin*S Polyvinylcaprolactam</td>
<td>25.0</td>
<td>Not Established</td>
</tr>
<tr>
<td>--Proprietary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--SARA Title III Sect. 313: Listed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contains: Methanol</td>
<td>&gt;2.5</td>
<td>200ppm ACGIH OSHA Tran/Fin</td>
</tr>
<tr>
<td>CAS NO. 67-56-1</td>
<td></td>
<td>250ppm STEL OSHA (Final)</td>
</tr>
</tbody>
</table>

SECTION III -- PHYSICAL DATA

BOILING/MELTING POINT @ 760 mm Hg: 185 F (Solvent Only)
VAPOR PRESSURE mm Hg @ 20 C: N/A
SPECIFIC GRAVITY OR BULK DENSITY: N/A
SOLUBILITY IN WATER: (up to 40 C) Any proportion
APPEARANCE: Water Solution, Highly Viscous, Yellowish
ODOR: Alcoholic
INTENSITY: Very Slight  pH: N/A

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Test Method): N/A. Not classified as flammable.
AUTOIGNITION TEMP: N/A
FLAMMABILITY LIMITS IN AIR (% BY VOLUME) LOWER: N/A  UPPER: N/A
EXTINGUISHING MEDIUM: Water Fog, Foam, CO2, Dry Chemical
SPECIAL FIREFIGHTING PROCEDURES: Self-contained breathing apparatus
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
SECTION V -- HEALTH DATA

TOXICOLOGICAL TEST DATA: None Established

EFFECTS OF OVEREXPOSURE:

--Contact with eyes and skin may result in irritation.

--Ingestion may result in gastric disturbance. Ingestion of large amounts of methanol results in intoxication, incoordination, weakness, convulsions and respiratory failure. Kidney damage and blindness may result.

--Inhalation of mist may result in respiratory irritation. Inhalation of methanol vapors may result in respiratory irritation, dizziness, headache and nausea.

FIRST AID PROCEDURES:

Eyes -- Flush with flowing water at least 15 minutes. If irritation develops, consult a physician.

Skin -- Wash affected skin areas with soap and water. If irritation develops, consult a physician.

Ingestion -- Dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

Inhalation -- Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION VI -- REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: N/A
CHEMICAL INCOMPATIBILITY: Unknown.
HAZARDOUS DECOMPOSITION PRODUCTS: N/A
HAZARDOUS POLYMERIZATION: Does not occur.
CONDITIONS TO AVOID: N/A
CORROSIVE TO METAL: Yes. Rusts ferrous metal.
OXIDIZER: No.
SECTION VII -- SPECIAL PROTECTION

RESPIRATORY PROTECTION: NIOSH/MSHA approved organic mist respirator.

EYE PROTECTION: Goggles.

VENTILATION: Local exhaust preferred.

PROTECTIVE CLOTHING: Gloves, coveralls, apron as necessary to prevent skin contact.

OTHER: N/A

SECTION VIII -- ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA: None available.

SPILL AND LEAK PROCEDURES: This is not a RCRA-regulated product. Spills should be contained, absorbed and placed in suitable containers for disposal.

HAZARDOUS SUBSTANCE "SUPERFUND": No.

WASTE DISPOSAL METHOD: Incinerate or bury at a disposal facility. Do not discharge into waterways or sewer systems.

HAZARDOUS WASTE 40CFR261: No.

CONTAINER DISPOSAL: Dispose of in licensed facility.

SECTION IX -- SHIPPING DATA


HAZARDOUS SUBSTANCE (49CFR CERCLA LIST): Yes—Methanol.

REPORTABLE QUANTITY (RQ): 5,000


POISIN CONSTITUENT (49CFR173.343 AND 172.203(K)): Methanol

BILL OF LADING DESCRIPTION: Plastics, synthetic, liquid, NOIBN (Protect From Freezing)

CC NO: N/A UN/NA CODE: N/A

DATE PREPARED: 10/27/88
8/22/91 (revised)

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