SECTION I - IDENTIFICATION OF PRODUCT

PRODUCT NAME: LIQUID HARDENER
PRODUCT CODE: (93510), 28081, 28086, 30010, 30015, 30018, 30020, 30021, 30022, 30025, 30048, 58015, 58021, 77071, 97634
SYNONYM/CROSS REFERENCE: MEKP Catalyst
SCHEDULE B NUMBER: 3815.90.0000-0

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS WGT% CAS # TLV/PEL
Methyl Ethyl Ketone Peroxide 30-35% 1338-23-4 ACGIH Ceiling: 1.5 mg/m³ OSHA Ceiling: 5 mg/m³
Hydrogen Peroxide 0-5% 7722-84-1 ACGIH TLV 1.4 mg/m³ OSHA PEL 1.4 mg/m³
2,2,4-Trimethylpentanediol-1,3 - diisobutyrate 60-70% 6846-50-0 N/E

SECTION III - PHYSICAL DATA

APPEARANCE: Clear, red, or orange liquid with faint Ketone odor
SPECIFIC GRAVITY: 1.17 @ 25°C
VAPOR PRESSURE (mmHg): N/D
BOILING POINT: Decomposes at temperatures above 131°F/55°C
VAPOR DENSITY: Heavier than air
EVAPORATION RATE (Ethyl Ether = 1): Slower than ethyl ether
VOLATILES BY WEIGHT: Negligible
SOLUBILITY IN WATER: Insoluble
VOC: Grams/Liter = Nil Lbs/Gallon = Nil
SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: 180°F/ 82°C  Seta Flash Closed cup (decomposes at temperatures above 131°F/55°C)
LOWER FLAMMABLE LIMIT %: N/E
UPPER FLAMMABLE LIMIT %: N/E
FIRE EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES: Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Closed containers exposed to high temperatures, such as fire conditions may rupture. Decomposition products are flammable and can ignite explosively if confined.

SECTION V - HEALTH HAZARD/TOXICOLOGICAL PROPERTIES

OVEREXPOSURE EFFECTS:
ACUTE EFFECTS:
EYES: Corrosive to eyes. Contact with eyes can cause severe irritation, redness, tearing, blurred vision, and/or swelling. May cause eye damage.
SKIN: Contact with skin can cause severe irritation, (itching, burning and/or redness), dermatitis, defatting may be readily absorbed through the skin.
INHALATION: Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.
INGESTION: Ingestion can cause severe gastrointestinal irritation, nausea, vomiting, diarrhea. May cause burns of the mouth, throat, esophagus and stomach.

CHRONIC EFFECTS:
Overexposure to this material has apparently been known to cause the following effects in lab animals: eye or skin damage, digestive tract, and respiratory system.

TOXICITY (For a similarly related product)

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal (rabbit)</td>
<td>LD50 4000 mg/kg</td>
</tr>
<tr>
<td>Eye</td>
<td>Draize Score = 76.3 Corrosive to eyes</td>
</tr>
<tr>
<td>Inhalation (rate 4 hours)</td>
<td>LD50 17.0 mg/l</td>
</tr>
<tr>
<td>Oral (rat)</td>
<td>LD50 1017 mg/kg</td>
</tr>
</tbody>
</table>

CARCINOGEN: YES _____ NO __X__
TERATOGEN: YES _____ NO __X__
MUTAGEN: YES _____ NO __X__

PRIMARY ROUTES OF EXPOSURE: skin, inhalation

FIRST AID:
INHALATION: If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.
SKIN: For skin contact, wash promptly with soap and excess water. If irritation persists, consult a physician.
EYES: For eye contact, flush promptly with excess water for at least fifteen minutes. Do not try to neutralize with chemical agents. Do not let victim rub eyes. If victim is wearing contact lenses, remove them. Consult a physician as soon as possible after flushing eyes with water.
INGESTION: If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.
SECTION V I - REACTIVITY DATA

STABILITY: Unstable. Hazardous and uncontrollable decomposition may occur above 131°F/55°C. The self-accelerating decomposition temperature is 140°F/60°C.

CONDITIONS TO AVOID: Open flames, sparks, heat, electrical and static discharge, storage at high temperatures.

INCOMPATIBILITY MATERIALS TO AVOID: Strong acids, alkalis, oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and Carbon, ethane and methane.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL AND DISPOSAL PROCEDURE

SPILLS, LEAK OR RELEASE: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations.

SECTION VIII - PROTECTION INFORMATION

RESPIRATORY PROTECTION: If component TLV limits are exceeded, use NIOSH/MSHA approved respirator to remove vapors. Use an air-supplied respirator if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.

PROTECTIVE GLOVES: To prevent prolonged exposure use rubber gloves; solvents may be absorbed through the skin.

EYE PROTECTION: Use chemical goggles with splash guards or full face shield.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing as required to prevent skin contact. Safety showers and eye wash stations are recommended where this material is handled.

SECTION IX - HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Use with adequate ventilation. Avoid contact with eyes and skin. Avoid breathing vapors. To maintain product quality, store at temperatures less than 86°F/30°C. Do not store the product above 100°F/38°C. Do not flame, cut, braze weld or melt empty containers. Keep the product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalis and oxidizers.

SECTION X - ADDITIONAL INFORMATION

SHIPPING INFORMATION: Please comply with DOT regulations in USA

HMIS RATING:

- Health: 3 4 = Extreme
- Fire: 2 3 = High
- Reactivity: 2 2 = Moderate
  1 = Slight
  0 = Insignificant

Personal Protection - See Section VIII
CALIFORNIA PROPOSITION 65:
Does not contain any listed chemicals.

SECTION 313 SUPPLIER NOTIFICATION:
This product contains the following toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS</th>
<th>% BY WGT</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
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</tbody>
</table>

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS’s THAT ARE COPIED AND DISTRIBUTED FOR THIS CHEMICAL.

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ABBREVIATIONS
==================================================================
IARC = International Agency for Research on Cancer
ACGIH = American Conference of Governmental Industrial Hygienists
NIOSH = National Institute of Occupational Safety and Health
TLV = Threshold Limit Value
PEL = Permissible Emission Level
DOT = Department of Transportation
NTP = National Toxicology Program
N/AV = Not Available
N/AP = Not Applicable
N/E = Not Established
N/D = Not Determined

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FAX NBR 330-830-6005

DATE REVIEWED: January 12, 2006
DATE REVISED: June 29, 2005
REVISION: Sections II

The information in the Material Safety Data Sheet has been compiled from our experience and from data presented in various technical publications. It is the user’s responsibility to determine the suitability of this information for the adoption of the safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the MSDS is the latest one issued.