

PATCH RUBBER COMPANY
MATERIAL SAFETY DATA SHEET

Product Name: ENVELUBE
Product Code No.: 16-315

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Issue Date: Jan. 8, 2009

_MANUFACTURER:

PATCH RUBBER COMPANY
P.O. BOX H
ROANOKE RAPIDS, N.C. 27870

TELEPHONE: (252) 536-2574

Call CHEM TEL only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.
(800) 255-3924 North America
(813) 248-0585 (Collect) International

HEALTH EMERGENCIES:
Call LOS ANGELES Poison Information Center
(24 hrs.) 1-800-356-3129

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| PRODUCT IDENTIFICATION |
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PRODUCT NAME: ENVELUBE
DOT PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S (Contains Isopropanol)
ID NUMBER: UN 1993 PG III
DOT HAZARD CLASSIFICATION: 3

| SECTION I - HAZARDOUS COMPONENTS | | | | | |
|---|---------|-----------------|-------|--------|------|
| Components | Percent | Exposure Limits | Units | Agency | Type |

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|-----------------------------------|-----------|----------------------|-------|------------------------|------------|
| ZINC STEARATE CAS NO: 557-05-1 | < 10 WT % | 15 Mg/m3 10 Mg/m3 | | ACGIH PEL ACGIH TLV | |
| ISOPROPANOL CAS NO: 67-63-0 | < 5 WT % | 400 ppm 400 ppm | | | PEL TLV |

SARA 313 COMPONENTS – 40 CFR 372.65 Zinc Stearate as “Zinc Compounds”

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SECTION II - EMERGENCY & FIRST AID PROCEDURES ***EMERGENCY*******

**Have a physician call Los Angeles
POISON INFORMATION CENTER (24 hrs.)
1-800-356-3129**

INHALATION: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet, and get medical attention.

EYE CONTACT: Flush eyes with large amounts of water, lifting upper and lower lids occasionally, get medical attention.

SKIN CONTACT: Thoroughly wash exposed skin with soap and water. Remove contaminated clothing and laundry before reuse.

INGESTION: Immediately drink two glasses of water and induce vomiting by either giving Ipecac syrup or by placing finger at back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

SECTION III - HEALTH HAZARDS/ROUTES OF ENTRY

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

EYES: Can cause severe irritation, redness, tearing, blurred vision.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.

INGESTION; Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Overexposure to Isopropanol has apparently been found to cause the following effects in laboratory animals: Liver abnormalities, kidney damage, brain damage.

Overexposure to Isopropanol has apparently been found to cause the following effects in humans: Kidney damage.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

RESPIRATORY PROTECTION: If TLV of any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your Safety Equipment Supplier). Engineering or administrative controls should be implemented to reduce exposure.

PROTECTIVE GLOVES: Natural rubber, Neoprene

EYE PROTECTION: Splash goggles.

OTHER PROTECTIVE EQUIPMENT: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

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SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials. Carbon Dioxide, Carbon Monoxide, etc

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - SPILL OR LEAK PROCEDURES ****HIGHWAY /RAILWAY SPILLS****

CALL CHEM TEL 1-800-255-3924 North America
(Collect) 1-813-248-0585 International

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Absorb onto inert material and transfer to an appropriate container for disposal.

WASTE DISPOSAL METHOD: Contaminated absorbent may be deposited in a landfill in accordance with local, state, and federal regulations.

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Keep from freezing. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given in data sheet must be observed.

SECTION VIII - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 115°F (Pensky-Martin)

FLAMMABLE LIMITS IN AIR (% BY VOLUME): LEL: Isopropanol, 2.5 UEL: No Data

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO2 or a universal type foam.

FIRE & EXPLOSION HAZARDS: Isopropanol vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full face piece operated in pressure demand mode or other positive pressure mode.

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SECTION IX - PHYSICAL DATA

APPROX. BOILING POINT: No Data VAPOR DENSITY (AIR = 1): No Data

VAPOR PRESSURE: No Data EVAPORATION RATE (N-BUTYL ACETATE = 1): No Data

% VOLATILE: > 90 % SOLUBILITY IN WATER: No Data

VOC: 103g/l

SPECIFIC GRAVITY: 0.99 APPEARANCE: Bluish Liquid

ODOR: Alcohol Odor

SECTION X - DOCUMENTARY INFORMATION

ISSUE DATE: 1/8/09 PRODUCT CODE NO: 16-315

PREV. DATE: 1/23/06 PREV. PROD. CODE NO: 16-315

MSDS NO: 0045 PREV. MSDS NO: N/A

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PREPARED BY: Marlo Carter