**SECTION I - PRODUCT IDENTIFICATION**

*PRODUCER'S NAME:* EMCO CHEMICAL DISTRIBUTORS, INC.

*ADDRESS:* 2100 COMMONWEALTH AVENUE
NORTH CHICAGO, IL 60064

*REGULAR PHONE NUMBER:* (312) 689-2200

*EMERGENCY TELEPHONE NUMBER:* (312) 689-2223

*CHEMICAL NAME AND SYNONYMS:* HANCO DEEP ECHT V LACQUER, MS-1870

*CHEMICAL FAMILY:* MIXTURES

*TRADE NAME AND SYNONYMS:* HANCO DEEP ECHT V LACQUER

*FORMULA:* SEE SECTION 2

*HAZARD CLASSIFICATION:* FLAMMABLE LIQUID, N.O.S.-FLAMMABLE LIQUID UN 1993

**SECTION II - HAZARDOUS COMPONENTS**

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>PERCENT</th>
<th>PEL*</th>
<th>TLV**</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZYL ACETATE (CAS# 140-11-4)</td>
<td></td>
<td></td>
<td>TLV: 15 PPM</td>
</tr>
<tr>
<td>AMYL ACETATE (CAS# 628-63-7)</td>
<td></td>
<td></td>
<td>TLV: 100 PPM</td>
</tr>
<tr>
<td>ETHYL ACETATE (CAS# 141-78-6)</td>
<td></td>
<td></td>
<td>TLV: 400 PPM</td>
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</tbody>
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**SECTION III - PHYSICAL DATA - TYPICAL**

CONTINUED ON PAGE 2
SECTION III - PHYSICAL DATA - TYPICAL (CONTINUED)

* INITIAL BOILING POINT (F): 171 F
* VAPOR PRESSURE:
* VAPOR DENSITY: LIGHTER THAN AIR. (LIQUID DENSITY—LIGHTER THAN WATER)
* SOLUBILITY IN WATER:
* SPECIFIC GRAVITY:
* PERCENT VOLATILES: 92% BY WEIGHT
* EVAPORATION RATE: FASTER THAN N-BUTYL ACETATE.
* APPEARANCE AND ODOR: RED LIQUID; FLORAL WITH STRONG JASMIN CHARACTERISTIC ODOR.

SECTION IV - FIRE AND EXPLOSION DATA

* FLASH POINT (TCC): ABOVE 30 F (T.C.C)
* FLAMMABLE LIMITS: NOT ESTABLISHED
* EXTINGUISHING MEDIA: FOAM, CO2 AND DRY CHEMICAL.
* SPECIAL FIREFIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE FIGHTERS AND COOL CLOSED CONTAINERS. USE FOAM NOZZLES IF WATER IS USED. USE AIR-SUPPLIED BREATHING MASK.
* UNUSUAL FIRE & EXPLOSION HAZARDS: FLAMMABLE. KEEP CONTAINERS TIGHTLY CLOSED. DO NOT USE PROPELLANT GASES TO EXTINGUISH FIRE. DO NOT USE WATER OR AQUEOUS-FORMULARIES. USE CONDITIONED AIR EXTINGUISHING MEDIA. USE CO2 AND DRY CHEMICAL EXTINGUISHING MATERIALS.

SECTION V - HEALTH HAZARD DATA

* PERMISSIBLE EXPOSURE LEVEL: SEE SECTION 2
* EFFECTS OF OVER EXPOSURE: SKIN CONTACT: PROLONGED CONTACT MAY CAUSE IRRITATION. EYE CONTACT: CAUSES SEVERE IRRITATION. INHALATION: VAPORS MAY BE IRRITATING AND CAUSE DIZZINESS, HEADACHE, NAUSEA, VOMITING AND NARCOSIS. INGESTION: MAY CAUSE NAUSEA, VOMITING AND DIARRHEA.
* PRIMARY ROUTES OF ENTRY: Dermal and Inhalation.

EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND FLUSH SKIN WITH PLENTY OF WATER. EYE CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GIVE OXYGEN IF BREATHING IS DIFFICULT. INGESTION: (SWALLOWING): GIVE TWO GLASSES OF WATER AND INDUCE VOMITING BY PUTTING FINGER DOWN THROAT. CALL A PHYSICIAN. DO NOT GIVE ANYTHING CONTINUED ON PAGE 3
SECTION V - HEALTH HAZARD DATA (CONTINUED)

BY MOUTH OR INDUCE VOMITING IN AN UNCONSCIOUS/CONVULSING VICTIM.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY: ISOLATE FROM HEAT, SPARKS, ELECTRIC EQUIPMENT,
OPEN FLAME AND STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR
SUITABLE PROTECTIVE EQUIPMENT. COVER WITH AN INERT NON-COMBUSTIBLE
ABSORBENT MATERIAL AND REMOVE TO A DISPOSAL CONTAINER. AVOID DIS-
CHARGE TO SEWERS OR WATERWAYS. REMOVE ALL IGNITION SOURCES.

WASTE DISPOSAL METHOD: INCINERATE IN A FURNACE WHERE PERMITTED, OR
BURY IN AN APPROVED LANDFILL UNDER APPROPRIATE FEDERAL, STATE
AND LOCAL REGULATIONS.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: NONE REQUIRED IN NORMAL HANDLING.

VENTILATION: LOCAL OR MECHANICAL EXHAUST AS NEEDED TO MAINTAIN
OSHA OR TLV.

PROTECTIVE GLOVES: RECOMMENDED. MUST BE IMPERVIOUS TO SOLVENTS.

EYE PROTECTION: OSHA STANDARD CHEMICAL SPLASH GOGGLES ARE ADVISED.

OTHER PROTECTIVE EQUIPMENT: SAFETY SHOWER AND EYE BATH.

SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: VAPORS MAY IGNITE
EXPLOSIVELY. PREVENT VAPOR BUILD UP. DO NOT STORE ABOVE 120 F.

STORAGE: LARGE AMOUNT IN STRUCTURE MADE FOR OSHA/CLASS IN
LIQUIDS. AVOID FREE FALL OF LIQUID. GROUND CONTAINERS WHEN
POURING. DO NOT FLAME CUT, SAW, BRAZE OR WELD EMPTY CONTAINERS.

CONTAINED ON PAGE 4
SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS (CONTINUED)

OTHER PRECAUTIONS: AVOID BREATHING VAPORS, AVOID SKIN AND EYE CONTACT, WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES, LAUNDER CONTAMINATED CLOTHING.

OSHA - CLASS IB FLAMMABLE LIQUID.

DATE ENTERED: 04/04/86

REVISION DATE: 10/22/85