

BLACK LACQUER

MATERIAL SAFETY DATA SHEET

000326 #57

HAZARD RATING

SECTION I

DATE OF PREPARATION 1-22-87

REPLACES MSDS DATED N/A

MANUFACTURER'S NAME Prime Leather Finishes Company

ADDRESS 205. S. Second Street  
Milwaukee, Wisconsin 53204

INFORMATION TELEPHONE NO (414) 276-1668 (day)

EMERGENCY PHONE NO. (414) 367-2845 (414) 671-3319 (eve & weekends)

PRODUCT CLASS Lacquer

TRADE NAME Spray Lacquer

HEALTH 230 FIRE

SPECIFIC ACTIVITY

PERSONAL PROTECTION I

H	2
F	3
P	0
PP	I

© 1987 NIOSH  
Printed by LAMARCA, CHICAGO, IL

MANUFACTURER'S CODE IDENTIFICATION

10BK014 10BEO02

SECTION II HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENTS	CAS NO.	%	TLV-TWA <sup>1</sup>	PEL-TWA <sup>2</sup>
2-Propoxyethanol	2807-30-9			
Diacetone Alcohol	123-42-2			
-Butoxyethanol	111-76-2			
Isobutyl Acetate	110-19-0			
Toluene	108-88-3			
Isopropanol	67-63-0			
2-Butanone (MEK)	78-93-3			
		76	100 ppm	100 ppm

<sup>1</sup>ACGIH      <sup>2</sup>OSHA

SECTION III PHYSICAL DATA

BOILING RANGE (°F)	174-336	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	0.922
VAPOR PRESSURE (mm Hg @ 20°C)	27	% VOLATILE BY VOLUME	80
VAPOR DENSITY (air = 1)	3.4	EVAPORATION RATE (n-Butyl acetate = 1)	1.6
SOLUBILITY IN WATER	moderate	VOC (lbs/gal)	5.8
APPEARANCE AND ODOR	red liquid; mixed solvent odor		

N/A = Not Applicable

---

SECTION IV FIRE AND EXPLOSION HAZARDS

---

FLAMMABILITY CLASSIFICATION: OSHA Class IB FLASH POINT 43 LEL 1.2%  
DOT Flammable liquid (\*F.C.C.)

EXTINGUISHING MEDIA:

FOAM       ALCOHOL FOAM       CO<sub>2</sub>       DRY CHEMICAL       WATER FOG  
OTHER:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers may explode when exposed to extreme heat. Vapors may travel along the ground igniting at locations other than the handling point. Isolate from sources of ignition.

SPECIAL FIREFIGHTING PROCEDURES:

Full protective equipment, including self-contained breathing apparatus, should be worn by firefighters. Avoid spreading burning liquid with water used to cool adjacent containers.

---

SECTION V HEALTH HAZARD DATA

---

PRIMARY EXPOSURE ROUTES:  DERMAL  INHALATION  INGESTION

EFFECTS OF OVEREXPOSURE:

ACUTE: Direct eye contact may irritate eye tissue. High vapor concentrations may be irritating to mucous membranes and cause dizziness, headache, nausea, narcosis. Ingestion may cause gastrointestinal irritation, vomiting, or diarrhea.

CHRONIC: Prolonged or repeated skin contact may cause dryness, dermatitis. Excessive, long-term overexposure may cause kidney, liver, or spleen damage.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Unknown

TOXICITY: Moderate: temporary or minor injury may occur in normal use.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT:

Flush immediately with water for at least 15 minutes.  
Take to a physician for medical treatment.

SKIN CONTACT:

Wash affected areas with soap and water. Remove contaminated clothing; launder before reuse.  
Consult a physician if irritation persists.

INHALATION:

Remove to fresh air. Give oxygen or artificial respiration if necessary. Treat symptomatically. Consult a physician.

INGESTION:

Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately.

---

## SECTION VI REACTIVITY DATA

---

STABILITY:  STABLE  UNSTABLE

HAZARDOUS POLYMERIZATION  MAY  WILL NOT OCCUR.

CONDITIONS TO AVOID: None

INCOMPATIBILITY:  OXIDIZERS  STRONG ACIDS & BASES  AMINES  ISOCYANATES  OTHER chlorinated  
compounds

HAZARDOUS DECOMPOSITION PRODUCTS:  CO<sub>2</sub>  CO  OXIDES OF NITROGEN  
(if burned)

OTHER \_\_\_\_\_

---

## SECTION VII SPILL OR LEAK PROCEDURES

---

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of sparks, flame, or hot surfaces. Avoid breathing vapors by use of ventilation or respiratory protective devices. Large Spill: dike area of spill and pump to suitable containers. Small Spill: collect on absorbent material and transfer to suitable containers. Do not allow to enter sewers or waterways. Ventilate area.

### WASTE DISPOSAL METHOD:

Incineration or other method in compliance with current federal, state, and local regulations. Check with waste management firm for possible reclamation.

---

## SECTION VIII SPECIAL PROTECTION INFORMATION

---

RESPIRATORY PROTECTION: Dependent on exposure level above the TLV. If necessary, use a NIOSH/MSHA approved self-contained respirator or gas mask for particulates in combination with organic vapors. See ANSI Z88.2-1969 or your safety equipment supplier.

VENTILATION: Sufficient general or local mechanical exhaust to maintain exposure below the time-weighted TLV. Vapors will tend to collect in low areas and should be removed. Where material is sprayed, local exhaust must be provided to remove overspray. See 29 CFR 1910.94

PROTECTIVE GLOVES: Neoprene or other chemically resistant gloves should be worn to avoid repeated or prolonged skin contact.

EYE PROTECTION: Safety glasses with side shields, splash goggles, face shields, or other safety glasses in compliance with OSHA regulations. See 29 CFR 1910.133.

OTHER PROTECTIVE EQUIPMENT: Eyewash station, safety shower, impervious apron.

### HYGIENIC PRACTICES:

Wash hands before eating, drinking, or smoking.

---

## SECTION IX SPECIAL PRECAUTIONS

---

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed and away from heat, spark, or flame. Use with adequate ventilation. Handling equipment should be electrically grounded. Comply with the provisions of OSHA 1910.106.

### OTHER PRECAUTIONS:

"Empty" containers may contain hazardous residue and/or vapors. Never weld or flame-cut an empty drum.  
Do not reuse containers.

---

### REFERENCES:

- Documentation of Threshold Limit Values, ACGIH (latest edition and supp.)
- Patty's Industrial Hygiene and Toxicology, Wiley & Sons, NY
- Supplier Information
- 29 CFR 1910
- Occupational Health Guidelines for Chemical Hazards, NIOSH/OSHA Publication No. 81-123 (1981)
- Other:

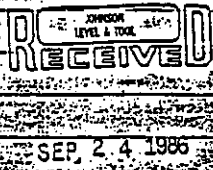
PREPARED BY: Lori Schneider

Original in Tomahawk #63

# Packing List

SAFE-LITE DIE CASTING, INC.  
 600 Gates Ave. West  
 Ladysmith, Wisconsin 54848  
 (715) 532-3373

0722

CUSTOMER ORDER NO. 01204	DATE ORDERED 9-22-86	SHIPPED VIA Ray Minaker	OUR NO.	SALES PERSON
SHIP TO: Johnson Level & Tool Mfg. Co., Inc. 2392 Lake Nokomis Road Tomahawk, WI 54487		SOLD TO:		
				
QUANTITY 11,500 pcs	DESCRIPTION Harpedo Level			
CARTONS 4 boxes	TOTAL WEIGHT	ORDER COMPLETE	BALANCE TO FOLLOW	PACKED BY

PLEASE NOTIFY US IMMEDIATELY IF ERROR IS FOUND IN SHIPMENT

**PRODUCT NAME**  
 ALUMINUM CASTINGS -  
 SERIES 300 (without Beryllium)  
 Comita No. SC-000-052  
 Refer to Material Safety Data Sheet for more information.

**MANUFACTURER**  
 CMI-PERMANENT MOLD, INC.  
 P.O. BOX 659  
 BRISTOL, INDIANA 46507

**FIRE HAZARD**

4. EXTREMELY DANGEROUS FIRE & EXPLOSION HAZARD  
 3. FIRE & EXPLOSION HAZARD AT NORMAL TEMP.  
 2. WILL BURN AT TEMPS ABOVE 100 F  
 1. WILL BURN AT TEMPS ABOVE 200 F  
 0. WILL NOT BURN

**HEALTH HAZARD**

4. EXTREME HAZARD - AVOID CONTACT OR BREATHING VAPOR  
 3. SEVERE HAZARD - USE SPECIAL CLOTHING & MASKS  
 2. HAZARDOUS - USE MASKS OR SPECIAL VENTILATION  
 1. SLIGHTLY HAZARDOUS - IRRITATING  
 0. NORMAL MATERIAL

**REACTIVITY HAZARD**

4. EXTREME HAZARD - VACATE AREA IN CASE OF FIRE  
 3. SEVERE EXPLOSION HAZARD  
 2. VIOLENT CHEMICAL CHANGE POSSIBLE  
 1. UNSTABLE IF HEATED  
 0. NORMALLY STABLE

**W** USE NO WATER  
**P** POLYMERIZES

ANSI: CAUTION! WELDING, CUTTING OR GRINDING ON THIS CASTING WILL GENERATE TOXIC DUST OR FUMES. DUST AND CHIPS WILL BURN WITH A HOT FLAME.

**INGREDIENTS**  
 ALUMINUM  
 CHROMIUM  
 CHROMIUM (HEXAVALENT)  
 COPPER  
 IRON  
 MANGANESE

**STORAGE & HANDLING**  
 NO SPECIAL PRECAUTIONS