

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 0 Flammability 0 Reactivity = 0
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HMIS RATING: Health = 0 Flammability 0 Reactivity = 0
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SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (0709A)

Manufacturer's Name: HILLYARD INDUSTRIES **Product Name:** PRO-LINE ULTRATHANE FLOOR POLISH
Address: 302 North Fourth Street **Date Prepared:** May 10, 1994
 St. Joseph, MO 64501 **Prepared by:** Regulatory Affairs Department
Emergency Telephone No.: (800)-424-9300 (Only in the event of chemical emergency involving a spill, leak, fire,
 exposure or accident involving chemicals.) **Other information calls:** (816) 233-1321 (Ext. 2303)

<http://www.hillyard.com>

SECTION II -- INGREDIENTS/IDENTITY INFORMATION

| Components (Specific Chemical Identity: Common Name(s)) | CAS# | OSHA PEL | ACGIH TLV | OTHER LIMITS RECOMMENDED | % |
|---|-----------------------------|---------------------|---------------------|-----------------------------|------------------|
| Dibutyl phthalate (1) * | 84-74-2 | 5 mg/M ³ | 5 mg/M ³ | N/A | 1-2 |
| Zinc Oxide(2) | 1314-13-2 | 5 mg/M ³ | 5 mg/M ³ | N/A | less than 0.3 |
| Water | 7732-18-5 | none | none | N/A | --- |
| Acrylic polymer | Unknown to Hillyard Ind. | not established | not established | N/A | --- |
| Diethylene glycol monomethyl ether (3) * | 111-77-3 | not established | not established | N/A | 3-5 |
| Tributoxyethyl phosphate * | 78-51-3 | not established | not established | N/A | 1-3 |
| Modified Rosin ester | 65997-10-6 | not established | not established | N/A | --- |

(1) Regulated by OSHA and the following states: CT, FL, IL, LA, MA, NJ, NY, PA, RI

(2) Regulated by OSHA and the following states: FL, IL, LA, MA, NJ.

(3) Regulated by the following states: FL, MA, PA.

* This product contains the following chemicals subject to reporting requirements of SARA Section 313 and of 40 CFR 372:
 Dibutyl phthalate, Diethylene glycol monomethyl ether and Tributoxyethyl phosphate.

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 196°F **Specific Gravity (H₂O = 1):** 25°C = 1.03 & 39°C = 1.03
Vapor Pressure (mm Hg.): 22 **Percent Volatile by Volume (%):** 76.5
Vapor Density (AIR = 1): 1.2 **Evaporation Rate (ethyl ether = 1):** slower than 1
Solubility in Water : complete **Appearance and Odor:** white emulsion; non-objectionable odor

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.) **Flammable Limits:** LEL = N/A UEL = N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.
Unusual Fire and Explosion Hazards: Material may spatter if temperature exceeds boiling point. Polymer film can burn.

SECTION V -- PHYSICAL HAZARDS

Stability: Stable **Conditions to Avoid:** N/A
Incompatibility (Materials to Avoid): None known to Hillyard Industries
Hazardous Decomposition Products or Byproducts: None known to Hillyard Industries
Hazardous Polymerization: Will not occur **Conditions to Avoid:** N/A

SECTION VI -- HEALTH HAZARD DATA

Routes of entry: Inhalation? N/A Skin? N/A Ingestion? N/A

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Direct contact of product with eyes may cause mild irritation. Dibutyl phthalate: can cause nausea, dizziness, sensitivity to light, watering and redness of eyes; nose and throat irritation from overexposure to hot vapors.
2. Prolonged or repeated contact with skin may cause irritation.

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No I.A.R.C. Monographs = No OSHA = No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater or equal to 0.1%.

Signs and Symptoms of Exposure: Concentrate may cause redness of eyes if not promptly removed.

Medical Conditions Generally Aggravated by Exposure: None known to Hillyard Industries.

Emergency and First Aid Procedures: If splashed into eyes flush with water for 15 minutes. Skin: Flush with water.

Ingestion: Drink large quantities of water. Induce vomiting. CALL A PHYSICIAN. Inhalation: Remove to fresh air.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Pick up with mop or wet vac and wash away with water.

Wash small quantities down sewer with large amount of water. Large spills should be picked up with wet vac or absorbent material.

Waste Disposal Method: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Incinerate solids. Dispose of liquid per local, state and federal regulations. Waste from normal product use may be sewer to a public-owned treatment works (POTW) in compliance with applicable federal, state and local pretreatment requirements.

Precautions To Be Taken In Handling And Storing: Freezing of product may rupture container. Product shelf life is best retained by storage at 45-100°F temperatures

Other Precautions: : Inhalation exposure to spray mist should be maintained at less than 10 mg/M³ per eight hours exposure (TWA limit estimated for nuisance dust).

SECTION VIII -- CONTROL MEASURES:

Respiratory Protection (Specify Type): None required if good ventilation is maintained.

Ventilation:

Local Exhaust = Not required **Mechanical (General) =** Suggested **Special =** N/A **Other =** N/A

Protective Gloves: Impervious gloves suggested for prolonged or repeated contact **Eye Protection:** Goggles where splashing of concentrate is a concern

Other Protective Clothing or Equipment: Not required

Work / Hygienic Practices: Do not take internally; wash contaminated clothing before reuse.

SECTION IX - TRANSPORTATION INFORMATION:

Applicable regulations: no 49 CFR; no IMCO; no IATA.

Proper shipping name: Liquid Floor Wax & Polish

UN NO.: not applicable **Limited Qty.:** not applicable **Hazard Class =** not applicable

Labels required: not required **DOT Exception:** not applicable

EPA Hazardous waste number / code: not listed

Hazardous waste characteristics:

Ignitability = not applicable; **Corrosivity =** not applicable; **Reactivity =** not applicable.

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