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**MATERIAL SAFETY DATA SHEET**

**NFPA RATING:** Health = 0 Flammability = 0 Reactivity = 0

**HMS RATING:** Health = 0 Flammability = 0 Reactivity = 0

**SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION (0707B)**

**Manufacturer's Name:** HILLYARD INDUSTRIES

**Product Name:** EXPEDITER

**Address:** 302 North Fourth Street  
St. Joseph, MO 64501

**Date Prepared:** February 2, 1996

**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. 303)

**SECTION II - INGREDIENTS/IDENTITY INFORMATION**

Components (Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Zinc oxide(1)	1314-13-2	5 mg./m <sup>3</sup>	5 mg./m <sup>3</sup>	N.A.	less than 0.7%
Water	7732-18-5	none	none	N/A	—
Acrylic copolymer*	Unknown to Hillyard*	not established	not established	N/A	—
Diethylene glycol monomethyl ether (2)**	111-77-3	N/A	N/A	N/A	3-5
2-Propenoic acid, polymer with ethene	9010-77-9	N/A	N/A	N/A	—
Modified Rosin Ester	65997-10-6	not established	not established	N/A	—

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

(2) Regulated by the following states: FL., PA., RI.

\*EPA/TSCA Chemical Inventory - all ingredients listed.

\*\*This product contains the following chemicals subject to the reporting requirements of SARA Title III, Sec. 313, and 40 CFR Part 372: Diethylene glycol monomethyl ether.

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: corr. 199°F      Specific Gravity (H2O = 1): 25°C = 1.03 & 39°C = 1.03  
 Vapor Pressure (mm Hg.): 20.6      Percent Volatile by Volume (%): 77.1  
 Vapor Density (AIR = 1): 1.1      Evaporation Rate (ethyl ether = 1): slower than 1  
 Solubility in Water: appreciable      Appearance and Odor: creamy white emulsion; non-objectionable odor  
 pH (concentrate) = 8.5-9.5

**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: N/A  
 Unusual Fire and Explosion Hazards: none

**SECTION V - PHYSICAL HAZARDS**

Stability: Stable      Conditions to Avoid: N/A  
 Incompatibility (Materials to Avoid): none known  
 Hazardous Decomposition Products or Byproducts: none known  
 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)**

- Mild eye irritation
- None known

**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%.

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**SECTION VI – HEALTH HAZARD DATA cont.**

**Signs and Symptoms of Exposure:** None known to Hillyard

**Medical Conditions Generally Aggravated by Exposure:** None known to Hillyard

**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 physician.

**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. Ventilate area of spill or leak. Transfer liquids and diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

**Waste Disposal Method:** Spills should be picked up with wet vac or absorbent material. Dispose of liquid per federal, state and local regulations. Waste from normal product use may be sewer to a public-owned treatment works (POTW) in compliance with applicable federal, state and local 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/M<sup>3</sup> per eight hour exposure (TWA limit est. for nuisance dust).

**SECTION VIII – CONTROL MEASURES:**

**Respiratory Protection (Specify Type):** none required

**Ventilation:**

**Local Exhaust =** not required      **Mechanical (General) =** suggested      **Special =** N/A      **Other =** N/A

**Protective Gloves:** none required      **Eye Protection:** glasses where splashing of conc. is a concern

**Other Protective Clothing or Equipment:** non 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.

**DISCLAIMER OF WARRANTIES**

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