

H52507

#525

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 1 Flammability = 0 Reactivity = 0
 *HMIS RATING: Health = 1 Flammability = 0 Reactivity = 0

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION (973A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: ENDEAVOUR

Address: 302 North Fourth Street

Date Prepared: January 27, 2009

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. 8285)

<http://www.hillyard.com>**SECTION II - INGREDIENTS/IDENTITY INFORMATION****Components**

(Specific Chemical Identity:

Common Name(s)	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Dipropylene Glycol Methyl Ether (1)	34590-94-8	100 ppm	100 ppm	STEL = 150	2-4
Zinc oxide	1314-13-2	5 mg/m ³	5 mg/m ³	N/A	less than 0.7
Water	7732-18-5	none	none	N/A	---
Acrylic Copolymer Emulsion	Unknown to Hillyard	not established	not established	N/A	---
Diethylene glycol monoethyl ether **	111-90-0	not established	not established	N/A	1-3
Tributoxyethyl Phosphate **	78-51-3	not established	not established	N/A	1-3
Polyethylene emulsion	Unknown to Hillyard	not established	not established	N/A	---

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

** This product contains the following chemicals subject to reporting requirements of SARA Title III, Section 313: Diethylene Glycol Monoethyl Ether, and Tributoxyethyl Phosphate.

VOC (Concentrate) = 5.85%

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 220°F	Specific Gravity (H ₂ O = 1): 25°C = 1.03	39°C = 1.03
Vapor Pressure (mm Hg.): 18.8	Percent Volatile by Volume (%): 81.6 %	
Vapor Density (AIR = 1): 1.2	Evaporation Rate (ethyl ether = 1): slower than 1	
Solubility in Water: complete	Appearance and Odor: Milky white liquid, non objectionable odor	
pH (concentrate) = 8.6		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point: None (Tag Closed Cup)

Flammable Limits: LEL = N/A UEL = N/A

Extinguishing Media: Not applicable

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 can spatter above 100°C/212°F. Polymer film can burn.

SECTION V - PHYSICAL HAZARDS

Stability: Stable

Conditions to Avoid: Onset of decomposition is 77°C/350°F.

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: None known to Hillyard Industries

SECTION VI - HEALTH HAZARD DATA

Routes of entry: Inhalation? yes Skin? yes Ingestion? yes

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Not a skin or eye irritant per Federal Hazardous Substance Act. Prolonged exposure may cause moderate skin irritation in sensitive individuals. Prolonged eye contact may cause conjunctivae irritation in sensitive individuals. Overexposure to high airborne levels or liquid splashes of Dipropylene glycol methyl ether may cause eye, nose, throat and skin irritation. Harmful if swallowed. 2. None known to Hillyard Industries.

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 than or equal to 0.1%.