

H53407;

H53406

#534

MATERIAL SAFETY DATA SHEET

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

HMIS RATING: Health = 0, Flammability = 0, Reactivity = 0

**SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION**

(526N-99D)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: EXPLORER

Address: 302 North Fourth Street;

Date Prepared: July 6, 2009(version 2)

St. Joseph, MO 64502

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	%
Zinc oxide ⁽¹⁾	1314-13-2	5 mg/M ³	5 mg/M ³	N.A.	less than 0.9
Water	7732-18-5	none	none	N.A.	---
Acrylate Copolymer	Unknown to Hillyard	not established	not established	N.A.	---
Polyethylene emulsions	9010-77-9	not established	not established	N.A.	---
Dipropylene glycol monomethyl ether ⁽²⁾	34590-94-8	not established	not established	N.A.	1-5
Diethylene glycol monomethyl ether	111-90-0	not established	not established	N.A.	1-5
**		established	established	N.A.	1-3
Tributoxyethyl Phosphate (Ethanol 2 Butoxy, phosphate) **	78-51-3	not established	not established	N.A.	1-3

⁽¹⁾ Regulated by OSHA and the following states: FL, IL, LA, MA, NJ.⁽²⁾ Regulated by the following states: ID, MA, MN, PA.

** This product contains the following chemical subject to reporting requirements of SARA Title III, Section 313:

Diethylene glycol monomethyl ether and Tributoxyethyl Phosphate

***SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: >200°F

Specific Gravity (H₂O = 1): 25°C = 1.04 Density = 8.64 lb/gal

Vapor Pressure (mm Hg.): 17.2

Percent Volatile by Volume (%): 74.5 - 75.5 %

Vapor Density (AIR = 1): 1.5

Evaporation Rate (ethyl ether = 1): slower than 1

Solubility in Water: Dispersable

Appearance and Odor: White emulsion; non-objectionable odor

*pH (Concentrate): 8 - 9

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point: >220°F (T.C.C.)

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

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog.

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 temperatures exceed 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

Hazardous Decomposition Products or Byproducts: None known to Hillyard

Hazardous Polymerization: Will not occur

Conditions to Avoid: N/A