

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 *(546N-94A1)**Manufacturer's Name:** HILLYARD INDUSTRIES**Product Name:** H.R. 2000**Address:** 302 North Fourth Street**Date Prepared:** June 15, 2010 (version 3)

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	%
Water	7732-18-5	none	None	N/A	---
Acrylic polymer emulsion	Unknown to Hillyard	N/E	N/E	N/A	---
High density polyethylene emulsion	Unknown to Hillyard	N/E	N/E	N/A	---
Alkenes, polymd	68527-08-2	N/E	N/E	N/A	---

*VOC (Conc.) = 1.17 %; *VOC (Min. Dilution) = 0.2925 %

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS*Boiling Point:** >200° F***Specific Gravity (H₂O = 1):** 25°C = 1.006 ***Density =** 8.43 lbs/gal.**Vapor Pressure (mm Hg.):** 17.5**Percent Volatile by Weight (%):** 91.5 – 92.5***Vapor Density (AIR = 1):** 0.72**Evaporation Rate (ethyl ether = 1):** slower than 1**Solubility in Water:** Complete**Appearance and Odor:** Milky, slight ammonium odor**pH:** 7.5 – 8.5***SECTION IV – FIRE AND EXPLOSION HAZARD DATA*****Flash point:** 200°F**Flammable Limits:** LEL = N/A UEL = N/A**Extinguishing Media:** N/A**Special Fire Fighting Procedures:** none**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**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)**

1. Mild eye irritation

2. None known

Chemical listed as Carcinogen or Potential Carcinogen:**National Toxicology Program =** No**I.A.R.C. Monographs =** No**OSHA =** No

SECTION VI – HEALTH HAZARD DATA cont.

Signs and Symptoms of Exposure: None known

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: In case of contact, immediately flush eyes or skin with plenty of water.

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. 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 local, state and federal regulations. Waste from normal product use may be sewerer 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. Inhalation exposure to spray mist should be maintained at less than 10 mg/m³ per 8 hour exposure (TWA limit est. for nuisance dust). This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and 40 CFR Part 372.

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: chemical goggles (concentrate may cause pain, though it is unlikely to cause injury)

Other Protective Clothing or Equipment: Use good personal hygiene procedures

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

SECTION IX – TRANSPORTATION INFORMATION

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

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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