

MATERIAL SAFETY DATA SHEET

☐ NEW ☒ REVISED

SECTION 1 - GENERAL INFORMATION

MANUFACTURER'S NAME

HILLYARD INDUSTRIES, INC.

MANUFACTURER'S ADDRESS (Number, Street, State, Zip)

302 North Fourth Street
St. Joseph, MO 64501

COMMERCIAL & GOV'T ENTITY (CAGE) CODE

28745

TELEPHONE NUMBER: 816/233-1321 - Extension Number 8285

FAX NUMBER: 816/232-6441

WEBSITE: <http://www.hillyard.com>

EMERGENCY TELEPHONE NUMBER: CHEMTREC - 800/424-9300 (24 hours-every day)

PREPARER: Director of Regulatory Affairs

DATE: August 20, 2008

| | | | | |
|---|---|---|---|--|
| PART NUMBER AND/OR TRADE NAME WAX, FLOOR, WATER EMULSION | | EPA REGISTRATION NUMBER Not Applicable | HAZARDOUS MATERIAL Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| NATIONAL STOCK NUMBER 7930-01-205-2871 | SPECIFICATION (Type, Grade, or Class) P-W-155C | | CONTRACT OR ORDER NO. | |

SECTION II - HAZARDOUS INGREDIENTS/ID INFORMATION

| NIOSH NO. | CAS NO. | CHEMICAL NAME (Ingredients) | % | OSHA PEL | ACGIH TLV |
|-----------|---------------------|-----------------------------|-----|-----------------|-----------------|
| | 7732-18-5 | Water | --- | none | none |
| | 68441-17-8 | Polyethylene wax | --- | Not established | Not established |
| | 8002-74-2 | Paraffin wax | --- | Not established | Not established |
| | Unknown to Hillyard | Montan ester wax | --- | Not established | Not established |
| | Unknown to Hillyard | Modified rosin ester | --- | Not established | Not established |
| | 63744-68-3 | Acrylic polymer | --- | Not established | Not established |

This chemical mixture does not contain 1% or more of chemicals that have been determined to be a health hazard, nor does this product contain carcinogens with a concentration of 0.1% or greater per definitions set forth in 29 CFR 1910.1200 (d).

SECTION III - PHYSICAL PROPERTIES

| | | | | | |
|---|----------------|---------------------------------|----------------|---|----------------|
| Boiling Point (F & C) | 213°F | Freezing Point | 30°F | Solubility in Water | Appreciable |
| Specific Gravity (H ₂ O = 1) 25°C 39°C | 1.00 1.02 | Viscosity Gardner, 25°C | A4 Fast | Autoignition Temp (F & C) | Not Applicable |
| Evaporation Rate (diethyl ether = 1) | Slower than 1 | Vapor Pressure | 21.4 mm | Corrosion Rate | Not Applicable |
| Decomposition Temp | Not Applicable | Percent Volatile By Vol. (%) | 83.6% | Appearance & Odor Off-white emulsion; nonobjectionable odor | |
| Vapor Density | 0.6 | pH | 9.0 | | |
| Volatile Organic Compounds Lbs./Gal. = Grams/Liter = | 0.1 15 | Magnetism (Milligauss) | Not Applicable | Remarks None | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):

None (TCC)

FLAMMABLE (EXPLOSIVE LIMITS)

Not Applicable

EXTINGUISHING MEDIA:

Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT

None

UNUSUAL FIRE & EXPLOSION HAZARDS:

None

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY Not applicable ☐ SKIN ☐ INGESTION ☐ INHALATION (LUNGS)CANCER CAUSING AGENT: ☐ NTP ☐ IARC ☐ OSHA

Not listed

SIGNS & SYMPTOMS OF EXPOSURE: None known

EFFECT OF ACUTE AND CHRONIC OVEREXPOSURE:

ACUTE: None CHRONIC: None

EMERGENCY & FIRST AID PROCEDURES: Not Applicable

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

SECTION VI - REACTIVITY DATA

STABILITY:

STABLE ☒UNSTABLE ☐

CONDITIONS TO AVOID:

Not Applicable

INCOMPATIBILITY (MATERIALS TO AVOID): None known to Hillyard Industries, Inc.

HAZARDOUS DECOMPOSITION PRODUCTS: None known to Hillyard Industries, Inc.

HAZARDOUS POLYMERIZATION

May Occur ☐Will Not Occur ☒

CONDITIONS TO AVOID (Polymerization):

Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Pick up with mop or wet vac and wash away with water.

WASTE HANDLING AND DISPOSAL METHOD: Wash small quantities down public owned treatment works (POTW) in compliance with applicable federal, state, and local pretreatment requirements.

NEUTRALIZING AGENT: Not applicable.

SECTION VIII - OCCUPATIONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): None required under normal use.

VENTILATION (SPECIFY TYPE): General room ventilation adequate.

PROTECTIVE GLOVES (SPECIFY TYPE): Not required

EYE PROTECTION (SPECIFY TYPE): Not required

OTHER PERSONAL PROTECTIVE EQUIPMENT (SPECIFY TYPE): None required under normal use.

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Freezing of product may rupture container. Product shelf life is best retained by storage at 45-100°F temperatures.

OTHER PRECAUTIONS: None

SECTION X - TRANSPORTATION

APPLICABLE REGULATIONS: ☐ 49 CFR ☐ IMCO ☐ IATA ☐ MILITARY AIR (AFR 71-4) Not Regulated

PROPER SHIPPING NAME: Liquid Floor Wax & Polish

UN NO.: Not Applicable

LIMITED QTY.: Not Applicable

REPORT QTY.: Not Applicable

HAZARD CLASS: Not Applicable

LABELS REQUIRED: None

DOT EXEMPT/CCN: Not Applicable

U.S. POSTAL SERVICE REGULATIONS: Not Restricted

UNIT CONTAINER: 55 gallon- metal pail

AEROSOL PROPELLANTS: Not Applicable

EPA HAZARDOUS WASTE NUMBER/CODE: Not Applicable

HAZARDOUS WASTE CHARACTERISTICS: ☐ IGNITIBILITY ☐ CORROSIVITY ☐ REACTIVITY N/A

ADDITIONAL INFORMATION: None