

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 (0717A)

Manufacturer's Name: HILLYARD INDUSTRIES **Product Name:** TERRAZZINE
Address: 302 North Fourth Street **Date Prepared:** June 27, 1994
 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. 2303)
<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	Unknown to Hillyard	not established	not established	N/A	---
Propylene glycol(1)	57-55-6	not established	not established	N/A	---

Regulated by the following state: PA. and RI.

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 207°F **Specific Gravity (H₂O = 1):** 25°C = 1.03 & 39°C = 1.03
Vapor Pressure (mm Hg.): 17.4 **Percent Volatile by Volume (%):** 74.6%
Vapor Density (AIR = 1): 0.8 **Evaporation Rate (ethyl ether = 1):** slower than 1
Solubility in Water: complete **Appearance and Odor:** milk-white emulsion; non-objectionable odor

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 177°C/350°F.
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition Products or Byproducts: None known to manufacturer
Hazardous Polymerization: Will not occur **Conditions to Avoid:** None known to Hillyard

SECTION VI -- HEALTH HAZARD DATA

Routes of entry: No Skin? No Ingestion? No
 Inhalation?

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. May cause slight eye irritation. (According to Primary Skin Irritation Test [FHSA], product is not an irritant; Eye Irritation Test [FHSA], not an irritant but may produce slight conjunctivae. Not acutely toxic when administered orally at a dose level of 5.0 g/kg. Inhalation-Not acutely toxic to subject following a 1 hour exposure at a nominal concentration of 14.4 mg/l. (Actual 5.7 mg/l.) the maximum concentration available for the test system.
 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 or equal to 0.1%.

SECTION VI -- HEALTH HAZARD DATA cont.

Signs and Symptoms of Exposure: Direct eye contact with concentrate can cause slight irritation.

Medical Conditions Generally Aggravated by Exposure: Persons with pre-existing skin disorders may be more susceptible to irritation.

Emergency and First Aid Procedures: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If eye irritation persists get medical attention.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Avoid contamination of food, water or feed. Absorb with floor dry or similar inert material. Sweep or scrape up and put in appropriate container. Rinse spill area thoroughly with water.

Waste Disposal Method: Observe all applicable federal, state and local regulations regarding disposal. Waste from normal product use may be sewer to a public-owned treatment works (POTW) in compliance with applicable federal, state and local pretreatment requirements. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

Precautions To Be Taken In Handling And Storing: Keep container closed when not in use. Container disposal: Triple rinse (or equivalent) then offer clean, dry container for recycling or reconditioning. Freezing of product may rupture container and damage product quality. Product shelf life is best retained by storage at 45-100°F temperature.

Other Precautions: Do not take internally. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title II Emergency Planning & Community Right to Know Act of 1986 and 40 CFR Part 372.

SECTION VIII -- CONTROL MEASURES:

Respiratory Protection (Specify Type): General room ventilation adequate

Ventilation:

Local Exhaust = Recommended **Mechanical (General)** = Recommended **Special** = N/A **Other** = N/A

Protective Gloves: N/A **Eye Protection:** No special requirement under normal use conditions

Other Protective Clothing or Equipment: Not needed with normal use conditions

Work / Hygienic Practices: Wash thoroughly after handling.

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

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.

The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.

THE BUYER OR USER ASSUMES ALL RISKS ASSOCIATED WITH THE USE, MISUSE OR DISPOSAL OF THIS PRODUCT. THE BUYER OR USER IS RESPONSIBLE TO COMPLY WITH ALL FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING THE USE, MISUSE OR DISPOSAL OF THESE PRODUCTS.