

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 (429N-55A)

Manufacturer's Name: HILLYARD INDUSTRIES**Product Name:** SEALER**Address:** 302 North Fourth Street**Date Prepared:** September 19, 2000

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****%**

Water

7732-18-5

none

none

N.A.

Acrylate Copolymer

Unknown

not established

not established

N.A.

to Hillyard

Propylene Glycol (1)

57-55-6

not established

not established

N.A.

(1) Regulated by PA and RI

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 209°F**Specific Gravity (H₂O = 1):** 25°C = 1.02 & 39°C = 1.02**Vapor Pressure (mm Hg.):** 17.5**Percent Volatile by Volume (%):** 83.7%**Vapor Density (AIR = 1):** 0.7**Evaporation Rate (ethyl ether = 1):** slower than 1**Solubility in Water:** Complete**Appearance and Odor:** Translucent, white liquid;**pH (concentrate):** 7.7

non-objectionable polymeric odor.

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.)**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 in a fire.**Unusual Fire and Explosion Hazards:** Material may spatter if temperatures exceed 100°C/212°F.

Polymer film can burn. Polymer may decompose at temperatures above 177°C/ 350°F and produce acrylic monomers.

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

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 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%.

Signs and Symptoms of Exposure: None known to Hillyard.**Medical Conditions Generally Aggravated by Exposure:** None known to Hillyard**Emergency and First Aid Procedures:** If splashed into eyes flush with water for 15 minutes; if irritation persists get medical attention. Flush skin with water. Ingestion: Drink large quantity of water; consult a physician. Never give anything by mouth to an unconscious person.

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.

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. Pick up with mop or wet vac and wash down POTW. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

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 temperature.

Other Precautions: Inhalation exposure to spray mist should be maintained at less than 10 mg/m³ per eight hours exposure (TWA limit established 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 if good ventilation is maintained.

Ventilation:

Local Exhaust = not required **Mechanical (General)** = suggested **Special** = N.A. **Other** = N.A.

Protective Gloves: none required **Eye Protection:** none required

Other Protective Clothing or Equipment: none required

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

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.

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