

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 0 Flammability = 0 Reactivity = 0
HMS RATING: Health = /0 Flammability = 0 Reactivity = 0

SECTION I – IDENTITY AND MANUFACTURER'S INFORMATION (#0771-J)

Manufacturer's Name: HILLYARD INDUSTRIES **Product Name:** SUPER SHINE-ALL
Address: 302 North Fourth Street **Date Prepared:** December 22, 2008 (version 2)
 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.	---
Tall oil soap, potassium	61790-44-1	not established	not established	N.A.	---
Fragrance	unknown	not established	not established	N.A.	--

(1) Regulated in FL, MA, PA, RI

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 743 mmHg 205°F **Specific Gravity (H₂O = 1):** 25°C = 1.00 & 39°C = 1.00
Vapor Pressure (mm Hg.): 17.5 **Percent Volatile by Volume (%):** 99.81%
Vapor Density (AIR = 1): 0.6 **Evaporation Rate (ethyl ether = 1):** Slower than 1
Solubility in Water: Complete **Appearance and Odor:** Very light amber liquid, Sassafras odor
 Diluted 1:128 with water
***pH (concentrate) =** 9.0-9.3 ***pH (diluted 1:128) =** 8-9

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.) **Flammable Limits:** LEL = N.A. UEL = N.A.
Extinguishing Media: Water
Special Fire Fighting Procedures: None.
Unusual Fire and Explosion Hazards: None known to Hillyard Industries.

SECTION V – PHYSICAL HAZARDS

Stability: Stable **Conditions to Avoid:** N.A.
Incompatibility (Materials to Avoid): None of which we have knowledge.
Hazardous Decomposition Products or Byproducts: As with any organic materials, combustion will produce carbon dioxide and probably carbon monoxide.
Hazardous Polymerization: Will not occur **Conditions to Avoid:** None known to Hillyard Ind.

SECTION VI – HEALTH HAZARD DATA

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

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Diluted product is not expected to be a Primary Irritant per the Federal Hazardous Substance Act; eye exposure to diluted material may cause mild irritation.
2. None known to manufacturer.

SECTION VI – HEALTH HAZARD DATA (continued)

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: May cause irritation to skin and eyes.

Medical Conditions Generally Aggravated by Exposure: Open cuts and sores may be irritated by contact.

Emergency and First Aid Procedures: In case of contact with eyes or skin, flush with plenty of water for 15 minutes.

Call a physician if irritation persists. If swallowed give water; may cause diarrhea; call physician

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Rinse area with water and pick up with wet vac or mop.

Waste Disposal Method: Dispose of in accordance with state or local regulations.

Precautions To Be Taken In Handling And Storing: Not applicable.

Other Precautions: Do not dispose of in storm drains or streams.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type): Not normally required.

Ventilation:

Local Exhaust = Normally adequate **Mechanical (General) =** Recommended **Special =** N.A. **Other =** N.A.

Protective Gloves: None required with normal use. **Eye Protection:** None required with normal use.

Other Protective Clothing or Equipment: Not normally required.

Work / Hygienic Practices: Avoid prolonged contact with eyes, skin, and clothing. Wash thoroughly after handling; wash clothing before reuse.

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Version 2, * Denotes revisions since last published MSDS. Supersedes Version 1 September 26, 2006