

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 (545N-81A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: LEATHER CLEANER & CONDITIONER

Address: 302 North Fourth Street

Date Prepared: October 27, 2010 (new)

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	---
Silicone Emulsion	Mixture	N/E	N/E	N/A	---
Acetaldehyde	75-07-0	N/E	N/E	N/A	<0.01

VOC = 0 gm/l

N/A= Not Applicable

N/E= Not Established

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 201°F Corrected

Specific Gravity (H₂O = 1): 25°C = 0.99 **Density=** 8.20 lbs/gl.

Vapor Pressure (mm Hg.): 17.6

Percent Volatile by Weight (%): 93.5 – 94.5%

Vapor Density (AIR = 1): 0.62

Evaporation Rate (ethyl ether = 1): slower than 1

Solubility in Water: complete

Appearance and Odor: Opaque, white liquid;

pH (concentrate): 6.50- 7.50

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.)

Flammable Limits: LEL = N.A. UEL = N.A.

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog.

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 may spatter if temperatures exceed boiling point.

SECTION V – PHYSICAL HAZARDS

Stability: Stable

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): None known to polish manufacturer.

Hazardous Decomposition Products or Byproducts: None known to polish manufacturer.

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)

- None known. (According to Primary Skin Irritation Test [FHSA] and Eye Irritation Test [FHSA] not an eye or skin irritant). FHSA oral studies on more concentrated product produced no toxicity at 5g./kg. Acute inhalation on more concentrated product - not toxic when administered at nominal concentration of 31.7 mg./l.(actual concentration = 15.8 mg./L sample was diluted 1:1 with deionized water.
- None known to furniture polish manufacturer.

SECTION VI – HEALTH HAZARD DATA (CONTINUED)

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%.

Warning: This material contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm: Acetaldehyde (CAS #75-07-0).

Signs and Symptoms of Exposure: None known to polish manufacturer.

Medical Conditions Generally Aggravated by Exposure: None known to polish manufacturer.

Emergency and First Aid Procedures: If splashed into eyes flush with water for 15 minutes. Flush skin with water.

Ingestion: Drink large quantity of water; call physician.

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: Wash small quantities down sewer with large amount of water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Large spills should be picked up with wet vac or absorbent material. Landfill or incinerate solids. Dispose of liquid per local, state and federal regulations.

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: None known to manufacturer.

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: 49 CFR = No; IMCO = No; IATA = No.

Proper shipping name: Liquid 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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