

## MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 1 Flammability = 0 Reactivity = 0

HMIS RATING: Health = /1 Flammability = 0 Reactivity = 0

## SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (494N-85C)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: COURT GUARD

Address: 302 North Fourth Street Date Prepared: December 21, 1999

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 emulsion	unknown to Hillyard	not established	not established	N/A	---
Dipropylene Glycol Monobutyl Ether	29911-28-2	not established	not established	N/A	---
Diethylene Glycol Monomethyl Ether*	111-77-3	not established	not established	N/A	---

\*This product contains the following chemicals subject to the reporting requirements of SARA Title III, Sec. 313, and 40 CFR Part 372: Diethylene Glycol Monomethyl Ether.

VOC = less than 200 gm./l.

## SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 196°F	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 25°C = 1.04 & 39°C = 1.03
<b>Vapor Pressure (mm Hg.):</b> 17.4 mm	<b>Percent Volatile by Volume (%):</b> 70%
<b>Vapor Density (AIR = 1):</b> 0.8	<b>Evaporation Rate (ethyl ether = 1):</b> slower than 1
<b>Solubility in Water:</b> Complete	<b>Appearance and Odor:</b> White opaque emulsion; slightly viscous liquid, non-objectionable odor
<b>pH :</b> 8.5 -9.5	

## SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

**Flash point:** None to 200°F (min.) Tag Closed Cup **Flammable Limits:** LEL = 0.6% UEL = N/A**Extinguishing Media:** Carbon dioxide, dry chemical, foam.**Special Fire Fighting Procedures:** Wear full protective equipment including self-contained breathing apparatus.**Unusual Fire and Explosion Hazards:** Unknown to Hillyard.

## SECTION V -- PHYSICAL HAZARDS

**Stability:** Stable **Conditions to Avoid:** None known to Hillyard**Incompatibility (Materials to Avoid):** Strong oxidizers**Hazardous Decomposition Products or Byproducts:** Normal combustion products including carbon dioxide, carbon monoxide, oxides of nitrogen**Hazardous Polymerization:** Will not occur **Conditions to Avoid:** None known to Hillyard

## SECTION VI -- HEALTH HAZARD DATA

**Routes of entry:** Inhalation? Yes Skin? Yes Ingestion? Yes

## HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Prolonged contact may cause skin irritation. . Product is not a primary skin irritant per Federal Hazardous Substance Act, Code of Federal Regulations 15, chapter IIc, paragraph 1500.41. It is not an eye irritant per FHSA, CFR 15, chapter. IIc, paragraph 1500.42. Not acutely toxic to the animals following a 1-hour exposure at a concentration of 34.5 mg/L (actual 27.2 mg/L), and was considered to have an LC<sub>50</sub> of greater than 34.5 mg/L (actual, 27.2 mg/L). This concentration was the maximum that could be generated with this test system 2. None known to manufacturer.

## 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%.

**SECTION VI -- HEALTH HAZARD DATA continued**

**Signs and Symptoms of Exposure:** Prolonged skin contact with concentrate may cause moderate skin irritation.

**Medical Conditions Generally Aggravated by Exposure:** Any pre-existing respiratory and skin disorder.

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

**SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken In Case Material Is Released Or Spilled:** If spilled, contain spilled material and remove with inert absorbent. Keep container closed when not in use. Do not let spilled or leaking material enter watercourse. Notify authorities if liquid enters nearby water intakes. Notify local health and wildlife officials.

**Waste Disposal Method:** Dispose of contaminated absorbent, container and unused contents in accordance with federal, state and local 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 temperatures. Keep container closed when not in use. Follow label warnings until container is thoroughly cleaned or destroyed.

**Other Precautions:** Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not take internally.

**SECTION VIII -- CONTROL MEASURES**

**Respiratory Protection (Specify Type):** None normally required unless confined space or spray application.

**Ventilation:**

**Local Exhaust =** Not required      **Mechanical (General) =** Suggested      **Special =** N/A      **Other =** N/A

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

**Other Protective Clothing or Equipment:** None required

**Work / Hygienic Practices:** Do not take internally; wash thoroughly after use.

**SECTION IX - TRANSPORTATION INFORMATION**

**Applicable regulations:** CFR = no    IMCO = no    IATA = no

**Proper shipping name:** Varnish

**UN No.:** not applicable for highway    **Limited Qty.:** not applicable    **Hazard class:** not applicable for highway

**Labels required:** not required for highway    **DOT Exception:** not applicable

**EPA Hazardous waste characteristics:**

**Ignitability =** not applicable;    **Corrosivity =** not applicable;    **Reactivity =** not applicable

**DISCLAIMER OF WARRANTIES**

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**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.**

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