

**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 (553N-13A)****Manufacturer's Name:** HILLYARD INDUSTRIES**Product Name:** POINT GUARD**Address:** 302 North Fourth Street  
St. Joseph, MO 64501**Date Prepared:** June 28, 2010 (version 2)**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<br>(Specific Chemical Identity:<br>Common Name(s))    | CAS #               | OSHA PEL        | ACGIH<br>TLV    | OTHER LIMITS<br>RECOMMENDED | %     |
|--|---------------------|-----------------|-----------------|-----------------------------|-------|
| Water  | 7732-18-5           | none            | none            | N.A.                        | ---   |
| Aliphatic Polyurethane Emulsion                                  | Unknown to Hillyard | not established | not established | N.A.                        | ---   |
| Acrylic Copolymer  | Unknown to Hillyard | not established | not established | N.A.                        | ---   |
| Tripropylene Glycol Monbutyl Ether<br>VOC 267 g/l or 2.23 lbs/gl | 55934-93-5          | not established | not established | N.A.                        | 5 -10 |

**SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS**

|  |  |                           |
|--|--|---------------------------|
| <b>Boiling Point:</b> >200°F             | <b>Specific Gravity (H<sub>2</sub>O = 1):</b> 25°C = 1.028 | <b>Density</b> 8.56 lb/gl |
| <b>Vapor Pressure (mm Hg.):</b> 17.68    | <b>Percent Volatile by Volume (%):</b> 71 – 73             |                           |
| <b>Vapor Density (AIR = 1):</b> 1.2533   | <b>Evaporation Rate (ethyl ether = 1):</b> slower than 1   |                           |
| <b>Solubility in Water :</b> Dispersible | <b>Appearance and Odor:</b> Translucent, mildly sweet      |                           |
| <b>pH</b> 7.25 – 8.25                    |  |                           |

**SECTION IV -- FIRE AND EXPLOSION HAZARD DATA****Flash point:** >200 °F (T.C.C.) **Flammable Limits:** LEL = N.A. UEL = N/A**Extinguishing Media:** Foam, carbon dioxide, dry chemical, water fog**Special Fire Fighting Procedures:** Self-contained breathing apparatus with full face piece operated in pressure demand or other pressure mode**Unusual Fire and Explosion Hazards:** May form carbon oxides, nitrogen oxides, and ammonia.**SECTION V -- PHYSICAL HAZARDS****Stability:** Stable **Conditions to Avoid:** Elevated temperatures**Incompatibility (Materials to Avoid):** Avoid contact with strong acids and strong oxidizing agents.**Hazardous Decomposition Products or Byproducts:** When exposed to fire, produces smoke, soot, carbon oxides and nitrogen oxides.**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)**

- Based on in-vitro testing Point Guard is not a skin irritant and was determined to be a minimal ocular irritant. Repeated skin contact may cause skin irritation. Excessive exposure to vapors or spray mist can cause irritation of the eyes, nose and throat. Not acutely toxic when administered orally at a dose level of 5.0 g./kg. Inhalation - Not acutely toxic to subject following a one hour exposure. LC<sub>50</sub> >213mg/liter
- None known to Hillyard.

**\*Chemical listed as Carcinogen or Potential Carcinogen:****National Toxicology Program =** No **\*I.A.R.C. Monographs =** No **OSHA =** No

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

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

**Signs and Symptoms of Exposure:** Prolonged skin contact may cause severe irritation. Excess inhalation may irritate nose and throat. Ingestion may cause gastrointestinal irritation.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing eye and skin disorders.

**Emergency and First Aid Procedures: In Eyes:** Immediately flush with water for 15 minutes. If redness, itching, or a burning sensation develops, seek medical attention. **On Skin:** Remove contaminated clothing. Wash skin with soap and water. If redness, itching, or burning sensation develops, seek medical attention. Wash contaminated clothing before reuse. **If Ingested:** Do Not Induce Vomiting. Give one or two glasses of water to drink and seek medical attention. Never give anything by mouth to unconscious person. **If Inhaled:** Remove victim to fresh air. If a cough or other respiratory symptoms develop, seek medical attention.

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

**Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb spill with floor dry or similar inert material. Sweep or scrape up and put in appropriate container. Do not let spilled or leaking material enter watercourse.

**Waste Disposal Method:** Dispose of in accordance with state and federal regulations.

**Precautions To Be Taken In Handling And Storing:** Keep container closed when not in use. Store in cool, well ventilated area away from heat and out of direct sunlight. Protect from freezing. **Notice:** Saw dust from freshly sanded floors or dust from wood floors that have been abraded between coats will spontaneously catch fire if improperly discarded. Immediately after abrading or sanding wood floors, place dust waste in a sealed, water-filled metal container and immediately remove from building. **Notice:** Rags or applicators soaked in a combustible liquid will spontaneously catch fire if improperly discarded. Immediately after using rags or applicators soaked in a combustible liquid, place waste in a sealed, water-filled metal container and immediately remove from building.

**Other Precautions:** USE WITH ADEQUATE VENTILATION. Avoid breathing vapors or spray mist. Open windows and doors, use exhaust fans or other means to insure fresh air entry during application and drying. Avoid prolonged or repeated contact with skin. Refer to OSHA Standard 29 CFR 1910.94 for technical guidelines on keeping air contamination below acceptable exposure limits.

**SECTION VIII -- CONTROL MEASURES:**

**Respiratory Protection (Specify Type):** None normally required when used according to label directions. When airborne exposure guidelines and/or comfort levels may be exceeded, use approved air-purifying respirator. Avoid breathing spray mist. If sprayed, wear mechanical filter respirator to remove solid particles of over spray.

**Ventilation:**

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

**Protective Gloves:** Rubber gloves if unable to avoid skin contact **Eye Protection:** Not necessary

**Other Protective Clothing or Equipment:** None normally required. If unable to avoid prolonged or repeated contact with skin, wear impervious clothing.

**Work / Hygienic Practices:** Wash thoroughly after handling. Upon contact remove contaminated clothing and shoes; wash before reuse (including shoes).

**SECTION IX - TRANSPORTATION INFORMATION:**

**Applicable regulations:** 49 CFR = No; IMCO = No; IATA = No.

**Proper shipping name:** Varnish

**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.**

**Version 2, \* Denotes revisions since last published MSDS. Supersedes Version 1 June 17, 2010**