

**MATERIAL SAFETY DATA SHEET**

**NFPA RATING:** Health = 2 Flammability = 2 Reactivity = 0

**HMIS RATING:** Health = 2 Flammability = 2 Reactivity = 0

**SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION** (503-14A)**Manufacturer's Name:** HILLYARD INDUSTRIES**Product Name:** FAST DRY 350 GYM FINISH**Address:** 302 North Fourth Street  
St. Joseph, MO 64501**Date Prepared:** January 11, 2001**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**

<b>Name(s)</b>	<b>CAS#</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS RECOMMENDED</b>	<b>%</b>
Aliphatic hydrocarbon petroleum naphtha	64742-47-8	100 ppm*	100 ppm*	N/A	18-23
Stoddard Solvent (1)	8052-41-3	100 ppm	100ppm	N/A	1-5
Soybean Oil, Polymer with Pentaerythritol and TDI	68038-49-3	not established	not established	N/A	---
Urethane resin	68410-53-7	not established	not established	N/A	---
Octamethylcyclotetra-siloxane	556-67-2	Not established	Not established	N/A	---

(1) Regulated by OSHA and the following states: FL., IL., LA., MA., NJ., PA., RI

\* Not established for this CAS #; use Stoddard solvent (CAS #8052-41-3) for PEL and TLV.

V.O.C. = Less than 350 gm./l.; V.O.S. = 2.9 lbs./gal.

**SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS****Boiling Point:** 320°F **Specific Gravity (H<sub>2</sub>O = 1):** 25°C = 0.93 & 39°C = 0.93**Vapor Pressure (mm Hg.):** 2.8 **Percent Volatile by Volume (%):** 49.7**Vapor Density (AIR = 1):** 7 **Evaporation Rate (ethyl ether = 1):** slower than 1**Solubility in Water:** negligible **Appearance and Odor:** Thin brown liquid; mineral spirit odor**SECTION IV -- FIRE AND EXPLOSION HAZARD DATA****Flash point:** 105°F (Tag Closed Cup) **Flammable Limits:** LEL = 1.0 UEL = no data**Extinguishing Media:** Flammable Class II: Use foam, carbon dioxide, dry chemical fire fighting apparatus.**Special Fire Fighting Procedures:** Full protective equipment including self-contained breathing apparatus. Water may be used to cool containers to prevent possible pressure buildup and autoignition or explosion when exposed to extreme heat. Notify authorities if liquid enters sewer and public waters. Dike fire control water for later disposal (see Section VII).**Unusual Fire and Explosion Hazards:** Keep container closed and isolated from heat, electrical equipment, sparks, and flame. Liquid runoff to sewers may create fire/explosion hazard. Vapors may accumulate in confined spaces such as sewers, pits, or sumps or inadequately ventilated areas. Heat or fire may cause container to explode. Never weld or use cutting torch on or near package.**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 organic acids, carbon monoxide and carbon dioxide.**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? No**HEALTH HAZARDS (1. Acute and 2. Chronic)**

1. Causes nose and throat 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. Was not acutely toxic to the 10 test animals following a 1 hour exposure at a nominal concentration of 2.538 g/L. Prolonged overexposure may cause defatting of skin and dermatitis. Harmful if inhaled. Chronic overexposure leads to central nervous system depression and permanent brain and nervous system damage. 2. 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

**Signs and Symptoms of Exposure:** Excess inhalation may irritate nose and throat. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea; however, product is not expected to induce mortality following oral administration at 5.0 g/kg.

**Medical Conditions Generally Aggravated by Exposure:** Skin problems such as industrial dermatitis. Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be adversely affected by exposure to any vapor or airborne particulate matter.

**Emergency and First Aid Procedures:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Call physician immediately.

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

**Steps To Be Taken In Case Material Is Released Or Spilled:** Eliminate sources of ignition (flames, hot surfaces; electric, static or friction sparks); ventilate area; avoid breathing of vapors; absorb 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. Notify authorities if liquid enters nearby water intakes. Notify local health and wildlife officials. Do not smoke when working with product.

**Waste Disposal Method:** Dispose of in accordance with local, county, state, and federal regulations. Incinerate regulated quantities in approved facility; do not incinerate closed container.

**Precautions To Be Taken In Handling And Storing:** Keep container closed when not in use. Empty container may retain hazardous residue and explosive vapors; do not pressurize, cut, weld, braze, solder, drill, or grind on or near container. Follow label warnings until container is thoroughly cleaned or destroyed.

**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. Refer to OSHA Standard 29 CFR 1910.94 for technical guidelines on keeping air contamination below acceptable exposure limits. Avoid contact with eyes, skin, and clothing. Do not take internally. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of EPA Section 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and 40 Code of Federal Regulations - Part 372.

## SECTION VIII -- CONTROL MEASURES

**Respiratory Protection (Specify Type):** Wear appropriate, properly fitted respirator (NIOSH or MSHA approved) unless air monitoring demonstrates vapor or mist levels are below applicable limits.

**Ventilation:** Good engineering practices recommended; 10 air changes/hr. recommended

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

**Protective Gloves:** Impervious rubber gloves    **Eye Protection:** None required

**Other Protective Clothing or Equipment:** Non-absorbent protective clothing. If you experience eye watering, headache, or dizziness, increase fresh air, wear respiratory protection or leave the area.

**Work / Hygienic Practices:** Wash thoroughly after handling.

## SECTION IX - TRANSPORTATION INFORMATION

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

**Proper shipping name for air and foreign water:** Paint, 3, UN1263, III

**Proper shipping name for highway:** 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 =** yes;    **Corrosivity =** not applicable;    **Reactivity =** not applicable.

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