

HIL0016607

H28406; CY6505

#284

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 2 Flammability = 2 Reactivity = 0
 HMIS RATING: Health = 1/2 Flammability = 2 Reactivity = 0

SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION

(0981A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: 450 GYM FINISH

Address: 302 North Fourth Street

Date Prepared: November 25, 2008 (Version 3)

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	%
Petroleum distillate (Stoddard Solvent) (1)	8052-41-3	100 ppm	100 ppm	N/A	25-30
Aliphatic hydrocarbon petroleum naphtha	64742-47-3	100 ppm*	100 ppm*	N/A	12-17
Petroleum distillate	64742-95-5	100 ppm*	100 ppm*	N/A	1-5
Urethane alkyl resin	68514-58-0	not established	not established	N/A	—
Uralkyd resin (NJ & PA trade secret)	41-0177681-1	not established	not established	N/A	—
	5000345F				

(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 450 gm./l.; V.O.S. = 3.69 lbs./gal.

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 335°F	Specific Gravity (H ₂ O = 1): 25°C = 0.89 & 39°C = 0.89
Vapor Pressure (mm Hg.): 2.8	Percent Volatile by Volume (%): 49.6
Vapor Density (AIR = 1): 4.8	Evaporation Rate (ethyl ether = 1): slower than 1
Solubility in Water: negligible	Appearance and Odor: Clear, light amber liquid; mineral spirit odor

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: 100°F min. (Tag Closed Cup) Flammable Limits: LEL = 0.9 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 skin, nose and throat irritation. Product is 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.

2. May cause defatting of skin and dermatitis. Prolonged contact with skin may produce skin corrosion. Harmful if inhaled. Chronic overexposure leads to central nervous system depression and permanent brain and nervous system damage.

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No I.A.R.C. Monographs = No OSHA = No