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#277

## 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

(0773A)

Manufacturer's Name: HILLYARD INDUSTRIES

Product Name: TROPHY PLUS GYM FINISH

Address: 302 North Fourth Street

Date Prepared: March 13, 1995

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:

CAS#

OSHA PEL

ACGIH

OTHER LIMITS  
RECOMMENDED

%

Common Name(s)

Petroleum distillate	64742-47-8	100 ppm*	100 ppm*	N/A	25-30
Aliphatic hydrocarbon petroleum naphtha	64742-88-7	100 ppm*	100 ppm*	N/A	22-27
Petroleum distillate	64742-95-6	100 ppm*	100 ppm*	N/A	1-5
Acetate Ester (C6 alcohol)	88230-35-7	N/A	N/A	50 ppm**	1-3
Epoxy resin	Unknown to Hillyard	none	none	N/A	---

\* Not established for this CAS #; use Stoddard solvent CAS #8052-41-3 for PEL and TLV. Stoddard Solvent is regulated by the following states: FL, IL, NJ, PA, TX.

VOC = 518 gm./l.; VOS = 4.32 lbs./gal.

## SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 338°F

Specific Gravity (H<sub>2</sub>O = 1): 25°C =

0.871

&amp; 39°C = 0.867

Vapor Pressure (mm Hg.): 2.8

Percent Volatile by Volume (%):

60

Vapor Density (AIR = 1): 4.8

Evaporation Rate (ethyl ether = 1):

slower than 1

Solubility in Water: negligible

Appearance and Odor: clear, amber liquid; mild petroleum distillate odor

## SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: 100°F minimum (Tag Closed Cup) Flammable Limits: LEL = 0.9% UEL = N/A

Extinguishing Media: Carbon dioxide, dry chemical, foam. Use NFPA Class B extinguishers.

Special Fire Fighting Procedures: Treat as any petroleum solvent fire. Avoid spreading liquid and fire by water. Wear full protective equipment including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Keep container closed and isolated from heat, electrical equipment, sparks and flame. 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: None under normal conditions. Thermal decomposition may

organic acids, carbon dioxide and carbon monoxide.

Hazardous Polymerization: Will not occur Conditions to Avoid: N/A

## SECTION VI -- HEALTH HAZARD DATA

Routes of entry: Inhalation?

Yes

Skin?

Yes

Ingestion?

Yes

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

1. Prolonged contact causes skin burns (after 24 hours exposure) when tested per the Federal Hazardous Substance Act; however, test showed product was not an eye irritant. Product was not Acute Oral Toxic when oral administration at 5.0 g./kg.; harmful if swallowed. Product was not a Department of Transportation Skin Corrosive when tested for 4 hours. Product was not acutely toxic following an inhalation exposure at a nominal concentration of 300.5 mg./l (vapor concentration LC50 greater than 2.7 mg./l. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
2. Reports have associated repeated and prolonged occupational overexposure to solvent with 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

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater or equal to 0.1%.