

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Court Shield Poli-Mirro 450 Floor Finish
Product Class: Wood floor varnish
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 651-481-1900
Manufacturer's Name and Address:
Multi-Clean®
600 Cardigan Road
Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	Mineral spirits CAS #8052-41-3	30 - 60
B	Oil modified polyurethane resin (proprietary)	30 - 60

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Amber liquid, solvent odor.
Primary Hazards: Harmful or fatal if swallowed. Vapor may be harmful. Combustible. Irritant.

Potential Health Hazards

Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X

Eye: May cause irritation on contact.

Skin: May cause irritation on contact.

Ingestion: May be harmful if swallowed.

Inhalation: Vapor may be harmful.

Signs and Symptoms of Exposure: Eyes and Skin: Irritation, redness. Inhalation: Irritation, central nervous system effects (dizziness, headaches, nausea, etc.).

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

Target Organ (s): Skin, eyes, respiratory system and central nervous system.

Medical Conditions Generally Aggravated by Exposure: Skin and respiratory (asthma-like) conditions.

Health Hazards, Chronic: Reports have associated repeated or prolonged occupational exposure to solvents with permanent brain and central nervous system damage (sometimes referred to as Solvent or Painters Syndrome).

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:

If Swallowed: Do not induce vomiting. Call a physician immediately. **Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. **Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. **Inhalation:** If ill effects occur from breathing vapors, remove victim to fresh air and quiet, keep warm.

Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flammability: Combustible **Autoignition Temperature:** N. Ap.

Flash Point (method used): 104°F (40°C) PMcc

Flammable Limits: N. Av. LEL .7% UEL 10.0%

Extinguishing Media

Water?	Foam? X	Water Fog? X
Alcohol Foam?	CO ₂ ? X	Dry Chemical? X
Vaporizing Liquid? X	Other?	

Special Fire Fighting Procedures: Exclude air. Water hose stream may spread fire. Use water spray to keep containers cool.

Unusual Fire and Explosion Hazards: N. Av.

TDG Flammability Classification: Not known

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: Normal, for combustible liquid.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:

Extinguish all sources of possible ignition (flames, sparks, pilot lights, etc.) and provide ventilation. Dike and contain spill with inert material (sand, earth, etc). Collect spill with absorbent material (example: floor-dri). Wash affected area with soap and water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:

Normal care in handling and storage. Do not store near heat or open flame.

Other Precautions: Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not normally required

Ventilation: Local Exhaust: Not required **Special:** Not required
Mechanical (General): Ventilate to maintain vapor level below TLV & PEL (listed in Section XI) **Other:** Not required

Protective Gloves: Natural rubber or synthetic.

Eye Protection: Approved safety goggles or glasses. **Footwear:** Not required

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: Do not use in food handling or storage areas when food is present.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Mineral spirits 232-390°F (162-199°C) **pH:** N. Ap.
Specific Gravity (H₂O) = 1: .876 **% Volatile:** 40-50
Vapor Density (Air = 1): > 1 **Odor Threshold:** N. Av.
Evaporation Rate (Butyl Acetate = 1): < 1 **Oil/Water Distribution Coefficient:** N. Av.
Solubility in Water: Negligible
Vapor Pressure (MM HG): N. Av.
Melting Point: N. Ap.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: N. Ap.
Incompatibility (materials to avoid): Strong oxidizers
Hazardous Decomposition or By-products: N. Av.
Hazardous Polymerization: May occur: Will not occur: X
Conditions to Avoid: N. Ap.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	100 ppm	100 ppm	N. Av.	34,600 mg/kg	21,400 mg/M3 (4 hr.)
B	N. Ap.	N. Ap.	N. Av.	N. Av.	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: No

Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.

Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Dispose of spilled material in accordance with local, state and federal regulations. (Incineration in an EPA authorized site is recommended)

RCRA Hazard Class: D001, Characteristic flammable

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: paint (class 3.3)

UN Number: 1263

Packing Group: III

SECTION XV - PREPARATION DATA

Prepared By: Mike Tarvin

Telephone Number: 651-481-1900

Date: 12-09

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations

TSCA Status: All ingredients listed.

CERCLA Reportable Quality: None

SARA Title III

Section 302 Extremely Hazardous Chemicals: None

Section 311/312 Hazard Category: Immediate health, chronic health, fire.

Section 313 Toxic Chemicals: None

State Regulations

International Regulations

WHMIS Controlled Product Hazard Class: B2

SECTION XVII - OTHER INFORMATION

None

N. Ap. - Not Applicable; N. Av. - Not Available

NFPA SYSTEM

1 A. Health Hazard 2 A. Fire Hazard 0 A. Reactivity Hazard

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