

**MATERIAL SAFETY DATA SHEET
FINISHES, COATINGS AND RELATED MATERIALS**

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SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME: Poloplaz Magnum Polyurethane Gym Finish
PRODUCT CLASS: Oil Modified Polyurethane Wood Floor Finish

SECTION II: HAZARDOUS INGREDIENTS

Ingredient	CAS #	Weight %	SARA Title III	Vapor Pressure (mmHg)	Exposure Limits	LD50, Route, Species
Stoddard Solvent	6472-88-7	45-50%	311/313	2	TLV/ACGIH: 100 NIOSH: none listed	>5 g/kg (orl-rat) >5 g/kg (skn-rabbit)
Solvent Naptha Light Aromatic	64742-95-6	5-10%	311/313	2	TLV/ACGIH: 100 NIOSH: none listed	4.7 g/kg (orl-rat) >4 ml/kg (skin-rat)

HMIS® Rating HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

CALIFORNIA PROPOSITION 65: This product contains no known chemicals known to the State of California to cause cancer or reproductive toxicity.

DOT: Shipping Name - Paint
Hazard Class - 3, Flammable liquid
UN/NA Number - UN1263
Packing Group - PG II
Labels Required - None

SECTION III: HAZARDS IDENTIFICATION

HMIS® Rating HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

THRESHOLD LIMIT VALUE: N/A

ACUTE HAZARDS

EYE & SKIN CONTACT: Prolonged or repeated exposure may cause defatting of the skin, resulting in drying, cracking, blistering and redness. May cause slight to moderate irritation with possible redness, swelling of mucous membranes, and tearing. Transient injury to the corneal ophelium may also occur.

INHALATION: May cause mucous membrane irritation, nausea, vomiting, disturbed vision, rapid breathing, hyperactivity, fatigue, muscle weakness, headache, light headedness, dizziness, incoordination, tremors, and other central nervous system effects. Extreme exposure may cause respiratory arrest, unconsciousness, kidney and liver impairment.

Ingestion: May cause diarrhea, central nervous system depression, difficulty breathing, in coordination, tremors, weakness, fatigue, and reversible hepatitis. Ingestion may result in aspiration of liquid, producing chemical pneumonitis.

SECTION IV: FIRST AID MEASURES

EYE CONTACT: Immediately flush with plenty of water for 15 minutes & call a physician.

SKIN CONTACT: In case of contact with skin, wash thoroughly with soap and water. Remove & wash contaminated clothing before reuse. (Discard contaminated shoes.)

INHALATION: Remove victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Call a physician immediately.

INGESTION: Do not induce vomiting. Get immediate medical attention.

SECTION V: FIRE FIGHTING MEASURES & DATA

LOWER FLAMMABLE LIMIT IN AIR (% BY VOLUME): 0.9 (Lowest component)

FLASH POINT (TEST METHOD): 108°F

EXTINGUISHING MEDIA: Use water fog, carbon dioxide or foam extinguishers.

SPECIAL FIRE FIGHTING PROCEDURES: Water vapor may be ineffective on fire but can protect fire fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear (helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive pressure, self-contained breathing apparatus.

SECTION VI: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Dispose of collected materials according to Federal, State, & Local Regulations. WASTE DISPOSAL METHOD: Recycle or dispose of observing Federal, State, & Local Regulations. If questions exist, contact the proper agencies.

SECTION VII: HANDLING & STORAGE

HANDLING: Use only with adequate ventilation. Avoid prolonged or repeated breathing of vapor or spray mist. Do not get in eyes, on skin or clothing. Wear OSHA standard goggles or face shield. Consult Safety equipment supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

STORAGE: Keep container tightly closed & upright when not in use to prevent leakage. Ground containers when transferring. Do not flame cut, braze, or weld. Empty container very hazardous! Continue all label precautions. Isolate from oxidizers, heat & open flame.

SECTION VIII: EXPOSURE CONTROLS & PERSONAL PROTECTION

EXPOSURE CONTROLS: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: organic vapor. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

VENTILATION: Use local, general & mechanical exhaust necessary to keep vapor levels below TLV.

PERSONAL PROTECTION: Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

SECTION IX: PHYSICAL DATA

APPEARANCE: Transparent Amber Liquid
ODOR: Solvent Odor
BOILING RANGE: 310-370°F
SPECIFIC GRAVITY: 0.89
POUNDS/GALLON: 7.39
VOC's : 3.99 lbs/gall 478.25 gms/ltr
VAPOR PRESSURE: 2mm HG @ 20°C
VAPOR DENSITY (air=1): 2.5
% VOLATILE BY VOLUME: 64

SECTION X: REACTIVITY DATA

STABILITY: stable
MATERIALS & CONDITIONS TO AVOID: isolate from oxidizers such as permanganates, chromates, & peroxides, heat, & open flame. Do not allow product to freeze.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, carbon dioxide from burning.
HAZARDOUS POLYMERIZATION: will not occur

OTHER COMMENTS

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