

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

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SECTION I : PRODUCT IDENTIFICATION

PRODUCT NAME: PoloPlaz Armor Seal
PRODUCT CLASS: Water Based Acrylic Floor Sealer

SECTION II: HAZARDOUS INGREDIENTS

Ingredient	CAS #	Weight %	SARA Title III	Vapor Pressure mmHg	Exposure Limits	LD50, Route, Species
Dipropylene glycol methyl ether	34590-94-8	1-5%	311/312/313	0.40	100 ppm TWA (ACGIH 1991-92)	5135 mg/kg (orl-rat) 9500 mg/kg (drm-rbt)
Dipropylene glycol butyl ether	29911-28-2	1-5%	N/A	0.1	None listed	3700 mg/kg (orl-rat) 2160 mg/kg (orl-mse) 5157 mg/kg (skn-rbt)

HMIS® Rating HEALTH: 1 FLAMMABILITY: 1 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, Non Hazardous (NA1263)

DOT DRUM LABEL: None

SECTION III: HAZARDS IDENTIFICATION

HMIS® Rating HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

THRESHOLD LIMIT VALUE: N/A

CONTAINS: 2-BUTOXYETHANOL, 1, 2-PROPANEDIOL

ACUTE HAZARDS

EYE & SKIN CONTACT: Primary irritation to skin, defatting, dermatitis. Absorbtion through skin increases exposure. Primary irritation to eyes include; redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION: Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful. Breathing vapor can cause irritation. Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.

SWALLOWING: Swallowing can cause abdominal irritation, nausea, vomiting, & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGREGATED: Absorption thru skin may be harmful. Chronic overexposure can cause damage to kidneys, blood, nerves, liver & lungs. Persons with severe skin, liver, heart, lung, or kidney problems should avoid use.

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

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.

SWALLOWING: Call a Physician immediately. Induce vomiting promptly using Physician's instructions. Never give anything by mouth to an unconscious person.

SECTION V: FIRE FIGHTING MEASURES & DATA

LOWER FLAMMABLE LIMIT IN AIR (% BY VOLUME): 1.1 (Lowest component)

FLASH POINT (TEST METHOD): None

EXTINGUISHING MEDIA: Use 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: Ventilate to keep vapors of this material below 15 ppm. If over TLV, use NIOSH approved positive-pressure, self-contained breathing apparatus according to 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: Liquid, white
ODOR: mild
BOILING RANGE: 212-342°F
SPECIFIC GRAVITY: 1.03
POUNDS/GALLON: 8.58
VOC's: 1.14 lbs/gall 136.8gms/ltr
VAPOR PRESSURE: 10.6 mm HG @ 20°C
VAPOR DENSITY: .8
% VOLATILE BY VOLUME: 71.6

SECTION X: REACTIVITY DATA

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

OTHER COMMENTS

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