

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

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SECTION I : PRODUCT IDENTIFICATION

PRODUCT NAME: PoloPlaz Prism Hybrid Urethane Finish Gloss
PRODUCT CLASS: Water Based Polyurethane Floor Finish

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT:	Dipropylene Glycol Methyl Ether	CAS#: 034590-94-8
WT%:	5 - 9 %	REG SECTION: 313
RQ (LBS):	n/a	TWA/OSHA: 100 ppm
VAPOR PRESSURE (MM HG @ 68°F):	0.6	STEL: 150 ppm

INGREDIENT:	1-Methyl - 2 - Pyrrolidinone	CAS#: 872-50-4
WT%:	3 - 7%	REG SECTION:
RQ (LBS):	n/a	TWA/OSHA: n/e
VAPOR PRESSURE (MM HG @ 68°F):	0.29	

INGREDIENT:	N,N-Dimethylethanolamine	CAS#: 108-01-0
WT%:	0 - 2 %	REG SECTION:
RQ (LBS):	n/a	TWA/OSHA: 5 ppm
VAPOR PRESSURE (MM HG @ 68°F):	4	STEL/ACGIH: 10 ppm

INGREDIENT:	2-Butoxyethanol	CAS#: 111-76-2
WT%:	0 - 0.2 %	REG SECTION: 313
RQ (LBS):	n/a	TWA/OSHA: 25 ppm
VAPOR PRESSURE (MM HG @ 68°F):		

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

DOT SHIPPING NAME: Paint, Non Hazardous (NA1263)

DOT DRUM LABEL: None

TSCA: All components of this material are included on the TSCA inventory of Chemical Substances. N-Methyl pyrrolidone is the subject of an enforceable consent agreement concerning health effects testing un Toxic Substances Control Act (TSCA) Sec 4(a) (40 CFR 799.5000). As a result, any export of this product is subject to TSCA Sec 12(b) notification requirements (40 CFR 707.60). Reports to U.S. EPA should reference n-Methyl Pyrrolidone (CAS# 872-50-4).

SECTION III: HEALTH HAZARD DATA AND FIRST AID PROCEDURES

EYE CONTACT: May cause irritation, redness and tearing. In case of contact, flush with large amounts of water and obtain medical attention.

SKIN CONTACT: Prolonged or repeated contact may cause drying of skin. In case of contact, remove contaminated clothing. Wash area with soap and water.

INHALATION: Excessive inhalation of vapors may cause dizziness and possible headache. If affected by inhalation remove to fresh air.

INGESTION: May cause gastrointestinal irritation and nausea. If swallowed, drink 1 or 2 glasses of water to dilute.

PRIMARY ROUTES OF ENTRY: Inhalation and dermal.

SECTION IV: 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 V: 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 VI: 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.

SECTION VII: 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 VIII: PHYSICAL DATA

APPEARANCE:	Liquid, white	ODOR: mild
BOILING RANGE:	192-396° F	SPECIFIC GRAVITY: 1.05
POUNDS/GALLON:	8.77	VOC's : 2.01 lbs/gall 250.54gms/ltr
VAPOR PRESSURE:	10.6 mm HG @ 20°C	VAPOR DENSITY: 0.8
% VOLATILE BY VOLUME:	72%	

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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