

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

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**SECTION I: PRODUCT IDENTIFICATION**

PRODUCT NAME: PoloPlaz Express  
PRODUCT CLASS: Water Based Polyurethane/Acrylic Floor Finish

**SECTION II: HAZARDOUS INGREDIENTS**

Ingredient	CAS #	Weight Percent	SARA Title III	Vapor Pressure (mmHg)	Exposure Limits
1-Methyl-2-pyrrolidone	872-50-4	<3%	311/312/313	0.29	TLV/ACGIH: 100 NIOSH: none listed
Dipropylene glycol methyl ether	34590-94-8	1-5%	311/312/313	0.40	100 ppm TWA (ACGIH 1991-92)
Dipropylene glycol butyl ether	29911-28-2	1-5%	N/A	0.1	None listed
N,N-Diethylethanamine	121-44-8	<3%	311/312/313	400	OSHA PEL: 25 ppm(100 mg/m3) (TWA)-ACGIH (TLV): 1 ppm (TWA)skin 3 ppm (STEL) skin

**HMIS® Rating: Health=1 Flammability=0 Reactivity=0**

DOT SHIPPING NAME: Paint, Non Hazardous (NA1263)

DOT DRUM LABEL: None

**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. 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 VII: 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 VIII: PHYSICAL DATA

**APPEARANCE:** Liquid, white

**ODOR:** mild

**BOILING RANGE:** 212-342°F

**SPECIFIC GRAVITY:** 1.03

**POUNDS/GALLON:** 8.58

**VOC's :** 2.29lbs/gall 275gms/ltr

**VAPOR PRESSURE:** 10.6 mm HG @ 20°C

**VAPOR DENSITY:** .8

**% VOLATILE BY VOLUME:** 64

#### SECTION IX: 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

<b>OTHER COMMENTS</b>
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