

---

# GEMSTAR™ POLARIS™

---

---

## CLASSIFICATION:

- High Solids, High Gloss, UHS Floor Finish

---

## SCOPE:

- High solids formulation.
- Responds well to battery, electric or propane burnishing.
- High level of mark resistance/durability.
- Very low odor.
- Excellent application characteristics.

---

## USAGE:

### Directions for use:

- **Full Strip Preparation:** Strip the floor with an Ecolab Professional Products stripper at the recommended use dilution. Rinse well and let dry.
- **Scrub and Recoat Preparation:** Deep scrub with an Ecolab Professional Products neutral or all-purpose cleaner using a blue pad. Rinse and let dry.
- **Sealing the Floor:** A sealer is not required with **Gemstar Polaris** on most resilient floors. If a sealer is desirable due to floor porosity (e.g. terrazzo) or for protection against staining spills, apply one to two coats of an Ecolab Professional Products sealer.
- **Application:** **Gemstar Polaris** may be applied in a thin, medium or heavy coats depending on the application technique. Thin coverage: 3,500 sq. ft. per gallon. Heavy to thin coverage: 2,000 - 4,000 sq. ft. per gallon.
- **Maintenance:** Dust mop. Autoscrub or damp mop with an Ecolab Professional Products neutral cleaner. Prepare floors with Ecolab Professional Products cleaner/maintainer prior to burnishing. Burnish 1-3 days/week with combination synthetic/natural blend pads.
- **Slip Resistance:** **Gemstar Polaris** meets or exceeds the CSMA benchmark for slip resistance as determined by ASTM D-2047.

---

## CHEMICAL PROPERTIES:

- Compositional Information

Water	7732-18-5
Polyacrylic Emulsion	Mixture
Polyethylene Emulsion	Mixture
Diethylene Glycol Ethyl Ether	111-90-0
Dipropylene Glycol Methyl Ether	34590-94-8
- pH 8.0 - 9.0
- Non-Volatiles 25% minimum
- Specific Gravity 1.0
- Initial Boiling Point > 212°F
- Solubility in Water Mixes with water in all proportions

**PHYSICAL PROPERTIES:**

- Appearance                      White
- Fragrance                        Mild acrylic
- State                                Opaque Liquid
- Solids                               25%

**ENVIRONMENT & SAFETY:**

- Hazard Rating                      Health - 1            Fire - 0            Reactivity - 0
- Recycling Information            - Corrugate 100% recyclable 35% minimum recycled paper board  
- 2.5 gallon - 100% recyclable HDPE

**STABILITY & STORAGE:**

- Stable for 24 months minimum in unopened container.

**FIRST AID:**

- **Eyes** - Flush immediately with cool running water. Remove contact lenses, if used, and then flush again.
- **Skin** - Flush skin with water, then wash with soap and water. Remove contaminated clothing and wash before re-use.
- **If swallowed** - Rinse mouth, then drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

**IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.**

**PACKAGING & PRODUCT NUMBERS:**

Size Available	Product Number
2.5 gal.	61189791

**PROFESSIONAL PRODUCTS DIVISION**

Ecolab Inc., 370 Wabasha Street, St. Paul, MN 55102 U.S.A.  
5105 Tomken Road, Mississauga, Ont. Canada L4W2X5  
www.ecolab.com 1-800-451-7191

