



DESCRIPTION

POLYMERIC TOPCOAT™ is a color stable, solvent free, waterborne dispersion that can be used in a broad number of coating applications. Film produced from this versatile coating demonstrates outstanding abrasion resistance, flexibility and water resistance properties.

FEATURES

- Excellent adhesion
- High tensile strength
- Solvent free
- Color stable
- Available in clear
- May be brushed, rolled, or airless sprayed

RECOMMENDED USES

- Topcoat over aromatic polyureas and polyurethanes
- Coating for most metals, glass, wood, and concrete

PTC™ is not recommended for immersion service.

COLOR

Available in clear or standard colors: Sand, Black, and White. Custom colors, including metallic, quoted upon request.

WET PROPERTIES* - CLEAR

Solids** by Volume	35-55%
Weight per gallon (approx.)	8.71 lbs.
pH	7.4
Flash Point	None
Viscosity**	25 cps
Freeze / Thaw Stability	Pass 5 cycles
Shelf Life Unopened Containers (uncrosslinked) @ 77°F (25°C)	1 year
Pot life (crosslinked)	24-48 hours

* Typical properties should not be construed as a product specification. The product properties as received may vary.
 ** Solids and viscosity will vary with pigment types and loading.

DRY PROPERTIES @ 4 mils (.10mm) of Clear Films* (cured 14 days at ambient conditions)

100% Modulus	3100 psi
Tensile Strength	5400 psi
Elongation	210 %
Sward Hardness ASTM 2134	30

*Pigment and ad-mixture types and loading may alter physical properties. It is recommended that the user perform their independent testing.

CURING SCHEDULE*

Tack Free	15-45 min.
Post Cure	12 hours
Recoat	Up to 2 hours

*At ambient temperatures.

GENERAL APPLICATION INSTRUCTIONS

Apply POLYMERIC TOPCOAT™ to only clean, dry, sound surfaces free of loose particles or other foreign matter. A primer may be required, subject to type and/or condition of the substrate. Consult technical service personnel for specific primer recommendations and substrate preparation procedures.

It is recommended that POLYMERIC TOPCOAT™ be sprayed in multi-directional (north-south/east-west) passes to ensure uniform thickness.

The provided crosslinker must be thoroughly mixed into POLYMERIC TOPCOAT™ before using.

Follow instructions attached to the container.

Product & Equipment Technical Assistance
24 hours / 7 days a week (800) 627-0773



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CONDITIONS

DO NOT APPLY when surface temperatures are expected to drop below 50°F or rise above 95°F during application and for two hours following application.

Equipment Clean up: Immediately clean with warm soapy water.

Note! Refer to PTC™ technical data and MSDS sheets for skin, eye and respiratory protection.

RECOMMENDED EQUIPMENT SETTINGS

- Use an airless sprayer capable of producing a minimum 2,500 psi @ 1/3 gal/min with a .0013-.0017 tip.

MIXING AND THINNING

May be thinned up to 10% with water.

GENERAL SAFETY, TOXICITY & HEALTH DATA

Material Safety Data Sheets are available on this coating material. Any individual who may come in contact with this product should read and understand the M.S.D.S. **CHEMTREC EMERGENCY NUMBER 1-800-424-9300**

CLEAN UP:

WET: Soap and water.

DRY: Use DPM, NMP, and Polyclean.

EYE PROTECTION: Safety glasses or goggles are recommended.

RESPIRATORY PROTECTION: Use a dust mask if spraying. If spraying use **ORGANIC CARTRIDGE NIOSH APPROVED**. If rolling or brushing, none needed.

LIMITATIONS

- This product is for professional use only.
- This product must be stored at temperatures between 50-90° F (10- 30 °C).
- Minimum material/ container temperature for spray application is 55°F(13°C).
- Read and observe all precautions, instructions, and limitations that are included with all containers of POLYMERIC TOPCOAT™.
- Protect from freezing.

WARRANTY & DISCLAIMER

Specialty Products, Inc., an Alaska corporation, warrants only that of this product shall conform to the technical specifications published in the product literature.

The quality and fitness of the product are dependent upon the proper mixture and application of the components by the applicator. There are no warranties that extend beyond the description on the face of this instrument.

SPECIALTY PRODUCTS, INC. MAKES NO WARRANTY OF MERCHANTABILITY OF THE PRODUCT OR OF FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE.

Specialty Products, Inc. makes no warranty as to the quality of any product modified, supplemented, tinted, or altered in any way after it leaves the manufacturing plant. Specialty Products, Inc. does not warrant that this product is suitable for use as a liner for potable water containers. Use of this product in a potable water container could be hazardous to health if it is improperly processed or applied.

The liability of Specialty Products, Inc. for any nonconformity of the product to its technical specifications shall be limited to replacement of the product.

The sole exclusive remedy of buyer, which is to have Specialty Products, Inc. replace any nonconforming product at no cost to buyer, is conditioned upon buyer notifying Specialty Products, Inc. or its distributor in writing of such defect within thirty days of the discovery of such defect.

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The data presented herein is not intended for non-professional applicators or those persons who do not purchase or utilize this product in the normal course of their business.

The potential user must perform any pertinent tests in order to determine the product's performance and suitability in the intended application, since final determination of fitness of the product for any particular use is the responsibility of the buyer.

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SPECIALTY PRODUCTS INC., 2410 104TH St. Ct. S. Ste. D, Lakewood, WA. 98499 1-800-627-0773

www.specialty-products.com info@specialty-products.com

SPI Manufacturing/Distribution Locations: Lakewood, WA · Garland, TX

Worldwide Distribution: Anchorage, AK · Fairbanks, AK · Edmonton, Canada · Toronto, Canada · Quebec City, Canada · Mexico · Argentina · Venezuela
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