



White Mountain™ C.T. Plus™

Trilon S Series, Superior, Hard Surface, Acrylic Urethane Finish

SPECIFICATIONS

DESCRIPTION:

C.T. Plus is the newest generation, high performance, 2-part acrylic urethane finish, utilizing cutting edge technology. **C.T. Plus** cures to a tough, tile-like, abrasion resistant film that resists most chemicals. This product exhibits excellent gloss, gloss retention, and color retention. Formulated for counter top applications, this product will provide years of protection and performance.

USE:

C.T. Plus can be used for interior or exterior surfaces, and was developed specifically for counter top applications.

C.T. Plus is ideal for use on:

- concrete counter tops
- natural or manufactured counter top materials
- concrete architectural elements
- water features*

Product results will vary by substrate and application method. **It is the user's responsibility to determine the suitability and performance of this product for their application.**

ADVANTAGES:

- Low VOC formula
- Very long term gloss and color retention
- Very high gloss
- Excellent chemical and weather protection
- Very good impact and abrasion resistance
- Excellent flexibility and chip resistance
- Extremely durable
- Air or force dry
- Hard, tile-like finish

LIMITATIONS:

- Not recommended for sustained direct chemical contact or below grade use.
- For submersion in water, the substrate must be tested to assure the correct pretreatment prior to applying this product. For more information, contact your Triangle Coatings representative.
- Not recommended for application below 50° F or above 100° F or within 5° F of the dew point
- *For use in underwater applications, testing is required.

PROPERTIES

VOC: [mixed] 249 g/l – (2.07 lbs/gal)

FLASH POINT: [mixed, setaflash] 61° F

APPEARANCE: [Gloss @ 60°]

Gloss 90+

Semi-gloss 75

Matte 25

WEIGHT PER GALLON: [mixed] 9.45 ± 0.5 lbs

APPLICATION VISCOSITY: [recommended, mixed]

#2 Zahn 30-35 sec

SOLIDS: [mixed]

By Weight 48.0 ± 2%

By Volume 51.0 ± 2%

COVERAGE: [mixed, approximate]

Theoretical at 1.5 mil DFT 300-545 sq ft/gal

Recommended DFT 1.5 mils

For more exact coverage rates, apply measured quantities of product to 1 square foot of substrate. Repeat until saturation obtained. Saturation obtained when material begins to pool on surface.

DRY SCHEDULE: [at 50% RH and 1.5 mils DFT]

	60° F	77° F	90° F
Dry to Touch	60 mins	45 mins	25 mins
Rainproof/Cured	7 days	7 days	7 days

ORDER CODE: W1-18 + gloss

Individual products are identified using the four digit product series number, followed by the gloss level letter.

Ex: W1-18S is C.T. Plus, Semi-Gloss.

This product is available in:

Gloss G

Semi-Gloss S

Matte M

PACKAGING:

This product is packaged in kits, containing both Part A and Part B components. Kit containers may be partially filled to obtain total yield when mixed.

Total Yield:	Part A:	Part B:
40 ounces	1 quart can	1 half pint can
1.25 gallons	1 gallon can	1 quart can
1 quart*		

***Southern California Air Quality Management District regulates this product only be purchased/used in quart sizes or smaller. Sizes larger than 1 quart may NOT be purchased for use as an Architectural or Maintenance coating in regions with these regulations.**

Properties listed above correspond to formula for gloss, clear product and may vary by gloss level and/or color.

C.T. Plus™**Trilon S Series, Superior, Hard Surface Acrylic Urethane Finish****APPLICATION DATA****SURFACE PREPARATION:**

- Surface must be completely clean and dry.
- Remove all dirt, wax, old paints or sealers with appropriate cleaner, chemical stripper or abrasive blasting. If muriatic acid has been used, the surface must be flushed with clean water and neutralized with a pH neutralizer such as **White Mountain Jobsite Cleaner**. We do not recommend muriatic acid for cleaning concrete as it may discolor the surface, etch the concrete, and is hazardous to use.
- Allow new concrete to cure for at least **24 days** before application.

MIXING PARAMETERS:

Ratio: [Part A : Part B]
 By Weight 4.02 : 1.00
 By Volume 4.00 : 1.00

Sweat-in Time: none

ASTM D2196 Pot Life: [valid for qts of 1 gallon or more]

50° F	65° F	77° F	85° F
5 hrs	4 hrs	4 hrs	3 hrs

APPLICATION METHODS:

C.T. Plus™ can be applied by HVLP, air assist airless, or airless spray. For all other types of applications, please contact your Triangle Coatings representative.

For small areas, use an appropriate handheld sprayer to apply all solvent based coatings. Consult your local equipment supplier for recommendations. Do not allow coating to dry on spray tip. If this occurs, soak the tip in the recommended cleaning agent.

HVLP:

Fluid Tip and Needle:030 - .040"
 Fluid Pressure: 10-15 psi
 Air Cap Pressure: 60 psi

Air Assist Airless:

Fluid Tip:012 - .013"
 Fluid Pressure: 900-1,400 psi
 Air Cap Pressure 10 psi

Airless:

Fluid Tip:013 - .015"
 Fluid Pressure: 2,000-2,500 psi

Brush or Roller: no

Application Caution:

Cover all plants, trees, grasses, and shrubs to protect from overspray. If overspray occurs, wash off with water immediately. Mask areas that may be affected by overspray.

THINNING: AT75

CLEANUP: AT75; acetone
 Clean tools while **C.T. Plus™** is still wet.

HEALTH & SAFETY PRECAUTIONS**WARNING:**

FLAMMABLE LIQUID AND VAPOR. DO NOT INGEST. May be harmful if swallowed or inhaled. Vapor may affect the brain or nervous system causing dizziness, headache, or nausea and can cause nose and throat irritation. Liquid contact with eye and skin causes irritation. Keep away from sparks, heat, or open flame. Use with adequate ventilation. Avoid breathing of vapor. Avoid contact with eyes and skin. Wash hands thoroughly after using and before eating and smoking. Wear an appropriately fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor levels are below applicable limits. Keep container closed when not in use. If spillage occurs, absorb and dispose of according to local regulations.

Contains: Parachlorobenzotrifluoride, CAS#98-56-6; Polyol; Propylene Glycol Methyl Ether Acetate, CAS#108-65-6; Methyl N-Amyl Ketone, CAS#110-43-0; Poly Amine, CAS#54914-37-3; Ethyl-3-Ethoxypropionate, CAS#763-69-9; Bis 1,2,2,6,6-Pentamethyl-4-Piperidyl, CAS#41556-26-7; Homopolymer of HDI, CAS#2818-28-12; Aromatic Hydrocarbon Mixture, CAS#64742-95-6; N-Butyl Acetate, CAS#123-86-4;

FIRST AID:

Should eye contact occur, flush with plenty of water for at least 15 minutes and get medical attention if vision is disturbed. For skin, wash thoroughly with soap and water. If swallowed, seek medical attention immediately. DO NOT induce vomiting.

NOTICE:

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**THIS PRODUCT FOR PROFESSIONAL USE ONLY.
 KEEP OUT OF THE REACH OF CHILDREN.**

SHIPPING & HANDLING**SHIPPING DESCRIPTION:** [CFR 49]

Ground, Air, Vessel Paint, 3, UN1263, PG II
 Required Label FLAMMABLE LIQUID
 Required Marking PAINT UN1263

IMDG PACKAGING:

FLAMMABLE LIQUID, class 3.2, UN1263, II

IMDG STOWAGE: Category B

UNIFORM FIRE CODE: [CFR 29] CLASS I-B

STORAGE TEMPERATURE: 120° F max

SHELF LIFE: [warranted] 1 YEAR

HMS RATINGS: H - 2; F - 3; R - 1; PP - H

WARRANTY: The statements made herein, on labels, product bulletins, or by any of Triangle Coatings', Inc. employees or agents concerning this product are given for general information only. Due to variables beyond Triangle's control in application, surface preparation, surface temperature, humidity and other variable factors Triangle assumes no liability for any claim that may arise out of the use of its products and disclaims any warranty expressed or implied relating to the storage, application, thinning, merchantability, Buyer's assumption of performance, and the fitness for a particular purpose. Receipt of products from Triangle or its agents constitutes acceptance of the terms of this warranty. In the event that Triangle finds that the product delivered is not of Triangle's standard quality, Triangle will at its sole discretion, either replace the product or refund the purchase price. Triangle's choice of one of these remedies shall be the Buyer's sole remedy. Triangle will under no circumstances be liable for consequential damages, except insofar as liability is mandated by law. Triangle will deliver products at agreed times insofar as it is reasonably able to do so, but it will not be liable for failure to deliver on time when the failure is beyond its reasonable control.

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important to obtain the most recent Product Data Sheet for the product being used before application. WMMW118-10/12-003

TRIANGLE COATINGS, INC. 4763 Bennett Drive, Livermore, CA 94551-4804 • Tel: 925-583-0800 • Fax: 925-583-0880 • www.tricoat.com