

TRIANGLE INDUSTRIAL**TriPrime W™****Fast Dry, Corrosion Inhibiting Primer****Specifications****DESCRIPTION:**

TriPrime W primer is designed for the protection of ferrous metals. This fast dry, water based primer, when applied to properly prepared substrates, provides very good corrosion protection. Additionally, this primer exhibits very good adhesion and protection against corrosion undercutting.

USE:

TriPrime W primer is formulated for spray application to metal fabrications, structural steel, and other miscellaneous metal parts. Primarily used by job shops or metal parts manufacturers as a high performance, one component, fast dry, water based primer. It is an excellent choice for heavy construction equipment, off-road vehicles, truck priming, and light rail applications. **TriPrime W**, when used with high performance topcoats, provides a total system, that yields 500+ hours salt spray results. Recommended topcoats include: alkyds, silicone modified alkyds, acrylics, urethanes, and epoxies.

ADVANTAGES:

- Excellent corrosion inhibition
- No critical recoat window
- Very fast dry
- Eliminates solvent disposal and reduces overall cost

LIMITATIONS:

- Not for immersion
- Not for long term exterior exposure without topcoat
- Not recommended for submersion below grade, or direct chemical contact service
- Surface temperature must be below 90°F and above 40°F for proper application
- Protect from freezing
- Surface temperature must be below 90°F and above 40°F for proper application
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Properties**VOC:** [as supplied] 65 g/l – (0.5 lbs/gal)**VOC:** [excluding exempt materials] 65 g/l (0.5 lbs/gal)**FLASH POINT:** [setaflash]..... >212° F**APPEARANCE:**

Gloss (G) @ 60°5-15

WEIGHT PER GALLON: [average] 9.9 lbs/gal**PACKAGE VISCOSITY:** [#3 Zahn] 80 - 90 KU**SOLIDS:** [average]

By Weight44 ± 2%

By Volume33 ± 2%

COVERAGE: [average]

Theoretical at 2.0 mils DFT 265 sq ft/gal

Required Minimum DFT 2.0 mils

DRY SCHEDULE: [at 50% RH and 2.0 mil DFT]

	45° F	60° F	90° F
Dry to Touch	2 hrs	1 hr	30 mins
Topcoat	16 hrs	8 hrs	3 hrs
Maximum Topcoat: unlimited days			

COLOR AVAILABILITY:

Red Oxide 965P109

Buff 965P309

Gray 965P609

Black 965P710

PACKAGING:

Four 1 gallon cans per case

5 gallon pails

55 gallon drums

250 gallon totes

TriPrime W™

Fast Dry, Corrosion Inhibiting Primer

Application Data

SURFACE PREPARATION:

- Surfaces to be coated must be clean, dry, and free of oil, grease, dust, flaky rust, mill scale, and other foreign matter that could interfere with adhesion.

APPLICATION:

TriPrime W is best applied with air assisted airless, HVLP, or airless.

Air Assist Airless:

Fluid Tip013” - .015”
 Fluid Pressure 900 - 1,400 psi
 Air Cap Pressure 10 psi

HVLP:

Fluid Tip and Needle040” stainless steel
 Fluid Pressure 10 psi
 Air Cap Pressure 60 psi
 Pressure pot application is recommended (stainless steel)

Airless:

Fluid Tip017” - .019”
 Fluid Pressure 2,000 - 2,500 psi

THINNING:none

CLEANUP:water

Health & Safety

WARNING:

COMBUSTIBLE LIQUID AND VAPOR. 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 flames. Use with adequate ventilation. Avoid breathing of vapor. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after using and before eating and smoking. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor levels are below applicable limits. Follow respirator manufacturer’s directions for use. Keep container closed when not in use. If spillage occurs, absorb and dispose of according to local regulations.

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.

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.

THIS PRODUCT IS FOR PROFESSIONAL USE ONLY.

KEEP THIS PRODUCT OUT OF THE REACH OF CHILDREN.

Shipping & Handling

SHIPPING DESCRIPTION: [CFR 49]

Ground, Air, Vessel Non Regulated Material
 Required Label & Marking Not Required

IMDG PACKAGING: Not Regulated

IMDG STOWAGE: Not Regulated

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

STORAGE TEMPERATURE: 120° F max

SHELF LIFE: [warranted] 6 MONTHS

HMIS RATINGS: H - 1; F - 1; R - 0; 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.