

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:

- Compatible with epoxies and similar topcoats that may lift other primers
- 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
- 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
- Six month shelf life

Properties

VOC: [as packaged] 250 g/l – (2.1 lbs/gal)

FLASH POINT: [setaflash]..... >200° F

APPEARANCE:

Gloss (G) @ 60°5-15

WEIGHT PER GALLON: [average] 11.4 lbs

PACKAGE VISCOSITY: [#3 Zahn] 30 ± 5 sec

SOLIDS: [average]

By Weight55 ± 10%

By Volume38 ± 10%

COVERAGE: [average]

Theoretical at 2.0 mils DFT 281 sq ft/gal

Required Minimum DFT 2.0 mils

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

	45° F	60° F	75° F	90° F
Dry to Touch	2 hrs	1 hrs	30 mins	15 mins
Recoat	16 hrs	8 hrs	45 mins	30 mins

Maximum Recoat: 5 days

After maximum recoat dry time, **TriPrime W** must be checked for topcoat adhesion.

COLOR AVAILABILITY:

Red Oxide (color will shift between batches)

Buff (approximately yellow oxide)

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 Tip013” - .015”
 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

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