

TRIANGLE INDUSTRIAL

ShopCoat W™

Fast Dry ShopCoat Primer

Specifications

DESCRIPTION:

ShopCoat W primer is designed for the protection of ferrous metals. This primer is a fast drying primer that provides protection in mild to moderate environments for 3 to 6 months prior to top coating or enclosure. **ShopCoat W** dries to a tough film capable of protecting the substrate during transit to the job site. This primer exhibits very good adhesion to properly prepared ferrous metals.

USE:

ShopCoat 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 that want to supply their customers with primed product that will not rust in transit and be ready for top coating. Recommended topcoats include: alkyds, silicone alkyd, and acrylic finishes. Strong solvent topcoats may also be applied after drying overnight, however, spot testing for adhesion and lifting is required.

ADVANTAGES:

- Fast drying
- Economically priced
- Lead and chromate free
- Very Low VOC
- Eliminates solvent disposal and reduces overall cost

LIMITATIONS:

- Not for immersion
- Not for long term exterior exposure
- Not for use under urethane or epoxy topcoats
- 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°5-10

WEIGHT PER GALLON: [average] 12.5 lbs

PACKAGE VISCOSITY: [#3 Zahn] 34 ± 5 sec

SOLIDS:

By Weight60 ± 10%

By Volume40 ± 10%

COVERAGE:

Theoretical at 2.0 mils DFT 321 sq ft/gal

Required Minimum DFT 2.0 - 2.5 mils

DRY SCHEDULE:

	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, **ShopCoat W** must be checked for topcoat adhesion.

COLOR AVAILABILITY:

Red Oxide (color will shift between batches)

PACKAGING:

Four 1 gallon cans per case

5 gallon pails

55 gallon drums

250 gallon totes

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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:

ShopCoat 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 Required

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.