

# TRIANGLE INDUSTRIAL

## ShopCoat S™

*Fast Dry ShopCoat Primer*

### Specifications

#### DESCRIPTION:

**ShopCoat S** 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 S** 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 S** 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
- Low VOC

#### 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

### Properties

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

**FLASH POINT:** [setaflash]..... <73 ° F

#### APPEARANCE:

Gloss (G) @ 60° .....5-15

**WEIGHT PER GALLON:** [average] ..... 12.8 lbs

**PACKAGE VISCOSITY:** [#3 Zahn] ..... 25 ± 5 sec

#### SOLIDS:

By Weight .....80 ± 10%

By Volume .....65 ± 10%

#### COVERAGE:

Theoretical at 1.5 mils DFT ..... 695 sq ft/gal

Required Minimum DFT ..... 1.5 mils

#### DRY SCHEDULE:

	45° F	60° F	75° F	90° F
<b>Dry to Touch</b>	2 hrs	1 hrs	15 mins	5 mins
<b>Recoat</b>	16 hrs	8 hrs	30 mins	15 mins

**Maximum Recoat:** 5 days

After maximum recoat dry time, **ShopCoat S** 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 S** is best applied with air assisted airless, HVLP, or airless.

**Air Assist Airless:**

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

**HVLP:**

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

**Airless:**

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

**THINNING:** ..... none

**CLEANUP:** ..... solvent

### Health & Safety

**WARNING:**

FLAMMABLE 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. Keep away from sparks, heat or open flame. Use with adequate ventilation. Avoid breathing of vapor. Avoid contact with eyes, skin, and clothing. 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 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 ..... 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

**HMIS RATINGS:** ..... H - 2; F - 3; 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.