



FIRE Retardants Inc.™

The Decision You Make May Save A Life!

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BURN BARRIER™ NO. 3004A

Lead Free Universal Industrial Metal Primer

DESCRIPTION:

BURN BARRIER™ NO. 3004-A is a fast drying universal industrial metal primer, and an excellent base coat for Fire Retardants, Inc. Fire Retardant coatings. It is an ideal primer for use on all metallic surfaces that will be topcoated with alkyds, vinyls, epoxies, urethanes, chlorinated rubber, and intumescent fire protective coatings.

It affords excellent corrosion protection, and can be used as a shop primer. It also can be used as a barrier or tie coat over sound, aged conventional paints, before coating with more resistant type coatings.

USED BY:

Schools, Colleges, Nursing Homes, Child Care Centers, Hospitals, Penal Institutions, Apartments, Hotels, Factories, Warehouses, Retail Stores, Restaurants, Utilities, Railroad and other Transportation Companies, Oil and Chemical Installations, Military Installations, and other facilities.

CHARACTERISTICS:

Color..... Dark Red

Spreading

Rate..... 400 sq. ft./gal. (9.8m²/L)
4 mils wet, 2 mils dry

Coverage.....

@ 1 mil - 734 sq.ft./gal (18.1 m²/L)

@ 2 mil - 367 sq.ft./gal (9.06 m²/L)

Volume Solids..... 46% ± 2

Weight Solids..... 69% ± 2

V.O.C. Less

Than..... 3.5 lbs./gal. (420 g/L)

Drying Time @

77°F & 50% RH: . . . To touch 15 min

To top coat conventional 30 min

high performance 45 min

Flash Point..... 46°F (8°C)

Reducer/Cleaner..... Xylene

Shelf Life..... 6 months (unopened)

Packaging 1 & 5 gal. containers
weight/gal. 11.3 lbs.

Shipping weight 4 gals - 48 lbs.
5 gals - 56 lbs.

Application Brush, roller,
conventional and airless spray

PRECAUTIONS:

WARNING! FLAMMABLE
LIQUID & VAPOR: CONTAINS
MPK & PETROLEUM
DISTILLATES

VAPOR HARMFUL. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat, sparks and flame. **VAPORS MAY CAUSE FLASH FIRE.** Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

USE ONLY WITH ADEQUATE VENTILATION. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN

SURFACE PREPARATION:

All surfaces must be clean and dry, free of all dust, dirt, grease, oil, wax, and other foreign matter. A commercial blast [SSPC-SP6] is recommended for best results; however, hand or power tool cleaning [SSPC-SP3] may be satisfactory, under mildly corrosive conditions. Etch all galvanized surfaces with a phosphoric acid etching solution. Stainless steel surfaces must be mechanically abraded to insure adhesion.

APPLICATION:

Stir well before using. Can be brush, roller or spray applied. When spray applied, use a criss-cross pattern. Apply to achieve a minimum dry film thickness of 2 mils (4 mils wet) (400 sq.ft./gallon). On extremely rough surfaces, a second coat is recommended. Do not apply at temperatures below 50°F (10°C).

APPLICATION EQUIPMENT:

Airless Spray

Fluid Pressure..... 2500 psi
Strainer..... 80 Mesh
Fluid Hose..... ¼" diameter
Tip..... 017 - .021
Reduction..... Up to 7%

As we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used, we accept no responsibility for results obtained by the application of this information or the safety or suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. We sell the products without warranty or guarantee, and buyers and users assume all responsibility and liability for loss or damage from the handling and use of our products, whether used alone or in combination with other products.