

FIRE Retardants Inc.TM

The Decision You Make May Save A Life!

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BURN BARRIER NO. 6 **A Solvent Base Coating**

DESCRIPTION:

NO.6 is a crystal clear, hard, wood sealer, developed primarily for use with BURN BARRIER Fire Retardant Varnishes.

RECOMMENDED USES:

Primarily designed for use on porous surfaces prior to the application of BURN BARRIER Fire Retardant Varnishes. This sealer prevents the fire retardant varnish from striking in thereby minimizing film and sheen variations.

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.

USE TOPCOATED:

Must be topcoated with Fire Retardant Varnish to obtain a Fire Hazard Classification.

CHARACTERISTICS:

Finish Clear Wood Sealer

Color Crystal Clear

Spreading Rate

Per Coat 300-450 sq.ft./gal.
(7.4 - 11.0 m²/L)

3.6-5.3 mils wet, 0.3-0.43 mils dry

Coverage at 1 Mil Dry . . .128 sq. ft./gallon

Solids by Weight 9% ± 0.3%

Solids by Volume8% ± 0.2%

Drying Time @ 77°F (25°C) & 50%

R.H.

To touch ½hour

To handle 1hours

To overcoat 16 hours

Type of Cure Solvent Evaporation

Flash Point

of Liquid Coating 105°F (40.6°C)
(Pensky-Martens closed cup)

Reducer/Cleaner . . .No. 6 Special Reducer

Shelf Life 6 months (unopened)

Packaging 1 & 5 gal. containers
weight/gal. 7.55 + 0.2 lbs.

Shipping Weight 4 gals. - 34 lbs.
5 gals. - 41 lbs.

Application Brush or airless spray

PRECAUTIONS:

The liquid coating contains volatile (FLAMMABLE) solvents. Due care must be exercised during and after application. Adequate ventilation must be provided during and after application until the coating is dry. Keep away from heat, sparks and open flame. Do not smoke - extinguish all flames, pilot lights and heaters, turn off stoves, electric tools, and appliances, and any other source of ignition. Avoid contact with skin and breathing of vapor or spray mist. Close container after use. **DO NOT TAKE INTERNALLY.**

FIRST AID: In case of skin contact, flush with plenty of water; for eyes, flush with plenty of water for 15 minutes and get medical attention. In case of exposure to high concentration of vapor, remove to fresh air. If swallowed, call a physician immediately. Do not induce vomiting.

Read MSDS before opening containers.

KEEP OUT OF REACH OF CHILDREN

SURFACE PREPARATION:

NEW SURFACES:

Surfaces must be clean, dry and free from all loose or powdery materials, grease, wax or other foreign matter. All staining and filling must be done

Clear Fire Retardant Wood Sealer **Fire Hazard Classification, CLASS "A" (*)**

(*) When Used With Burn Barrier No. 166

using non-bleeding type stains prior to the application of No. 6 Sealer.

PREVIOUSLY COATED SURFACES:

Previously varnished surfaces must be sanded to remove all gloss, loose or poorly bonded varnish. Test patch a small area to determine the compatibility of No. 6 Sealer with existing coating, to insure that no lifting or wrinkling occurs. If lifting or wrinkling develops, it is necessary to completely remove the old finish before proceeding.

APPLICATION:

Mix material thoroughly by boxing or stirring. Should thinning be required, use only BURN BARRIER No. 6 Special Reducer. Apply a full bodied coat by brush or spray, at the recommended coverage rate. Coverage rate depends upon the porosity of the wood. Highly porous woods may require a second coat. Do not apply when surface or air temperature is below 50°F (10°C).

APPLICATION EQUIPMENT:

Conventional Spray

Not Recommended

Airless Spray

Pump

Fluid Pressure 1650 psi

Strainer 100 Mesh

Fluid Hose ¼" diameter

Gun G-10N

Tip 012 - .017

Reduction Up to 7%

Information provided herein is based on tests believed to be reliable. In as much as we have no control over the use or application to which others may put this material, we make no guarantee or warranty. This product is sold on the condition that each user of the material make their own evaluation to determine the material's suitability for their own particular use.

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