



# FLAME CONTROL NO. 6

A Solvent Base Coating

Clear Wood Sealer

Fire Hazard Classification, CLASS "A" (\*)

(\*) When Used With Flame Control No. 166

## DESCRIPTION:

Flame Control No. 6 is a clear, hard, wood sealer, developed primarily for use with Flame Control Fire Retardant Varnishes.

### RECOMMENDED USES:

Primarily designed for use on porous surfaces; prior to the application of Flame Control 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 Flame Control 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 m<sup>2</sup>L)  
3.6-5.3 mils wet, 0.3-0.43 mils dry
- Solids by Weight** . . . . . 9% ± 0.3%
- Solids by Volume** . . . . . 8% ± 0.2%
- V.O.C. Less Than** . . . . . 6.9 lbs./gal. (821 g/L)
- 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** . . . . . 108°F (42°C)  
(Pensky-Martens closed cup)
- Reducer/Cleaner** . . . . . No. 6 Special Reducer
- Shelf Life** . . . . . 2 years (unopened)
- Packaging** . . . . . 1 & 5 gal. containers  
weight/gal. 7.55 ± 0.2 lbs.
- \* Also available in 12 oz Aerosol Cans**
- Shipping Weight** . . . . . 4 gals. - 34 lbs.  
5 gals. - 41 lbs.
- Application** . . . . . Brush or airless spray

## PRECAUTIONS:

**WARNING! FLAMMABLE LIQUID & VAPOR:** CONTAINS 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. DO NOT TAKE INTERNALLY.

FIRST AID: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

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 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 Flame Control 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**
- Titan 440 Impact** (or Equivalent)
- Pump
- Fluid Pressure . . . . . 1800-2200 psi
- Manifold Filter . . . . . 60 Mesh
- Gun Filter . . . . . 60 Mesh
- Fluid Hose . . . . . ¼" diameter
- Gun . . . . . LX-80 II
- Tip . . . . . 010 - .013
- 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.