



# FLAME CONTROL NO. 130

A Mineral Spirit Base Alkyd Type

Fire Retardant Varnish Overcoat for No. 129  
Fire Hazard Classification, CLASS "B"

## DESCRIPTION:

Flame Control No. 130 is a Class "B" fire retardant varnish overcoat. Used as a topcoat for No. 129 fire retardant varnish basecoat. No. 130 is available in three sheens, low, semi or hi-gloss. These coatings contain no water soluble ingredients, and will not leach or turn white on aging or washing. No. 130 dries to a uniform sheen in approximately four hours, and is suitable for use on Interior surfaces. No. 130 is manufactured with Rule 66 Mineral Spirits and possesses no strong or unpleasant odor, during application. Note: To comply with the Underwriters' Laboratories Class "B" fire hazard classification (ratings) established, No. 129 fire retardant varnish basecoat must be applied prior to the application of No. 130.

## RECOMMENDED USES:

For application to all combustible surfaces, where it is either necessary or desirous to reduce the surface burning characteristics of the substrate. No. 129 and No. 130 coating system is recommended for use on wood paneling, woodwork, doors, door frames and other surfaces which are subjected to constant scuffing, handling or may require frequent washing.

## 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 where fire retardant coatings are required.

## PERFORMANCE INFORMATION:

- Class "B" fire rated on combustible surfaces when used over No. 129 fire retardant varnish basecoat. (see fire hazard classification section)
- Class "A" fire rated on noncombustible surface when used over No. 129 fire retardant varnish basecoat. (see fire hazard classification section)
- Complies with federal, state, local building and fire code requirements. Dries by solvent evaporation to a tough, durable, clear finish, available in low, semi or hi-gloss.
- Does not leach (lose fire retardancy) on exposure to high humidity.
- Meets all current environmental regulations - Photochemically nonreactive according to Rule 102.

## CHARACTERISTICS:

**Finish** . . . . . Clear  
Low-gloss, Semi-gloss, Hi-gloss

**Color** . . . . . Clear Varnish

**Spreading Rate**

**Per Coat** . . . . . 600 sq.ft./gal. (14.7 m<sup>2</sup>/L)  
2.7 mils wet, 0.9 mils dry

**Solids by Weight** . . . . . 44% ± 2%

**Solids by Volume** . . . . . 33% ± 2%

**Drying Time @ 77°F (25°C) & 50% R.H.**

To touch . . . . . 4 hours  
To handle . . . . . 8 hours  
To Recoat . . . . . 24 hours

**Type of Cure** . . . . . Solvent Evaporation

**Flash Point of Liquid Coating** . . . . . 105°F (40.6°C)  
(Pensky-Martens closed cup)

**Reducer/Cleaner** . . . . . Mineral Spirits

**Shelf Life** . . . . . 2 years (unopened)

**Packaging** . . . . . 1 & 5 gal. containers  
weight/gal. 7.75 ± 0.2 lbs.

**Shipping Weight** . . . . . 4 gals. - 35 lbs.  
5 gals. - 42 lbs.

**Application** . . . . . Brush, roll, conventional and airless spray

## PRECAUTIONS:

The liquid coating contains volatile (combustible) 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.

**Read MSDS before opening containers.**

**KEEP OUT OF REACH OF CHILDREN**

## SURFACE PREPARTION:

After the application of Flame Control No. 129 Fire Retardant Varnish Base Coat has been completed, allow the surface to dry a minimum of 24 hours, lightly sand or steel wool. Remove all dust, dirt, etc. from the surface before applying No. 130.

## APPLICATION:

No. 130 can be applied by brush, roller or spray. Stir material well before using, then apply a uniform coat at a coverage rate of up to 600 sq. ft./U.S. gallon (14.7 m<sup>2</sup>/L). In hard use areas or where excessive wear is expected, a second coat is suggested. Allow at least 24 hours drying time between coats. To conform with surface burning characteristics established for this varnish, dilution of the varnish should be compensated with reduced coverage rates. Do not apply when surface or air temperature is below 50°F (10°C).



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## APPLICATION EQUIPMENT:

### Conventional Spray

Air Supply . . . 11.5 CFM, 50 psi  
fluid 15 psi

Gun . Graco 217-800 to 217-816

Type . . . . . External Mix

Reduction . . . . . Up to 7%

### Airless Spray

### Titan 440 Impact (or Equivalent)

Pump

Fluid Pressure. . . . 2000-2400 psi

Manifold Filter . . . . . 60 Mesh

Gun Filter . . . . . 60 Mesh

Fluid Hose . . . . . ¼" diameter

Gun . . . . . LX-80 II

Tip. . . . . .010 - .013

Reduction . . . . . Up to 7%

## FIRE HAZARD CLASSIFICATION

Flame Spread Rating. Class "B" when applied to combustible surfaces. Class "A" over non combustible surfaces; when tested in accordance with ASTM E-84 (NFPA 255), the coating obtained the following UNDERWRITERS' LABORATORIES fire hazard classification.

COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO DOUGLAS FIR)	
	Flame Spread	Smoke Developed
<b>SEALER</b> – None <b>BASE COAT</b> – Type 129 applied in one coat at 300 sq. ft./U.S. gal. (7.4 m <sup>2</sup> /L) <b>TOP COAT</b> – Type 130 applied in one coat at 600 sq. ft./US gal (14.7 m <sup>2</sup> /L)	45	50
COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO ASBESTOS-CEMENT BOARD)	
	Flame Spread	Smoke Developed
<b>SEALER</b> – None <b>BASE COAT</b> – Type 129 applied in one coat at 300 sq. ft./U.S. gal. (7.4 m <sup>2</sup> /L) <b>TOP COAT</b> – Type 130 applied in one coat at 600 sq. ft./US gal (14.7 m <sup>2</sup> /L)	5	0

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