



## FRC EX12

### Product Bulletin

**FRC EX12** is an economical, thermoplastic, synthetic polymer emulsion for fast-air or force-dry applications. **FRC EX12** produces a hard, high-gloss finish that provides excellent water and humidity resistance. **FRC EX12** contains a coalescing agent that effectively lowers the film forming temperature of the polymer to improve application at standard room temperatures.

#### APPEARANCE

1. White liquid. Mild sweet odor.
2. Dries to a clear, hard, odorless, finish.

#### TYPICAL PROPERTIES

Weight/gallon:	8.44 lbs.
Brookfield viscosity:	< 50 cps
pH:	7.9 ± 0.1
Solids:	31% ± 0.5%
VOC, pounds/gallon:	1.7 lbs.

#### APPLICATIONS

**FRC EX12** may be applied by spray, dip, roller, or brush.

**FRC EX12** imparts a glossy, hard, water resistant finish to wood, paper, metal, or fabric. The product may be applied as is or diluted with water. For best results over wood, two coats are recommended. The application rate is one gallon/500 square feet. Drying time depends on the temperature and humidity, but it will generally dry in 2 hours for recoating and to a hard, fully cured finish in 24 hours.

NOTE: The buyer accepts liability for determining whether the product is suitable for the buyer's intended use.

#### PACKAGING

The product is available in 5-gallon pails or 55-gallon drums. It should not be repackaged without consulting PyroTech.

#### STORAGE

**FRC EX12** should be stored at temperatures between 40° F and 90° F. The freeze/thaw stability is satisfactory through 5 cycles.

## HANDLING AND USE

**FRC EX12** should be applied in a well ventilated area. When spray applying, a proper protective mask and safety goggles should be worn. While **FRC EX12** is considered non-hazardous, it may cause skin irritation in certain individuals. Gloves should be worn if application is a dipping process.

If **FRC EX12** is being applied to a previously painted surface, make sure the surface is clean and dust free. User should verify that bonding compatibility exists before applying.

Clean all equipment immediately following use with warm water and mild detergent. Once the product dries it is impervious to water, most solvents, acids, and alkalis.

## SAFETY AND FIRST AID

**FRC EX12** contains a coalescing solvent that will add a small amount of volatile organic carbon to the atmosphere. Make sure you comply with local emission regulations. The product in general contains no hazardous materials. The following procedures should be followed when using the product:

1. Apply in a well ventilated area. Use proper breathing apparatus when spray applying.
2. Use rubber gloves and eye protection when handling the product.
3. Flush eyes with water for at least 15 minutes if product contacts them. If irritation continues, seek medical attention.
4. Wash skin thoroughly with soap and water. If skin irritation occurs, seek medical attention.
5. Induce vomiting and seek medical attention if product is swallowed.

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