

Enviro Klean® Safety Klean Cleaning Specification

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

Test a minimum 4 ft. by 4 ft. area on each type of masonry. Use manufacturer's application instructions. Let the test panel dry 3 to 7 days before inspection. Keep test panels available for comparison throughout the cleaning project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

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Product Description

Enviro Klean® Safety Klean is an effective, safe alternative to acidic compounds for cleaning brick, tile and concrete surfaces. Safety Klean rids new masonry construction of excess mortar, dirt and other common job site soiling. It's ideal for projects where traditional acidic cleaners are not allowed. Non-fuming Safety Klean contains no hydrochloric or other traditional inorganic acids and is safe for use on and around most metal surfaces, indoors or out. Additionally, it is up to 70 percent more effective than citric and glycolic acids, and 50 percent more effective than phosphoric acid.

Typical Technical Data

FORM: Clear amber liquid
SPECIFIC GRAVITY: 1.18
pH: 0.334 at 1 to 3 dilution rate
WEIGHT/GALLON: 9.56 pounds
ACTIVE CONTENT: not applicable
TOTAL SOLIDS: not applicable
VOC CONTENT: not applicable
FLASH POINT: greater than 200 degrees Fahrenheit (greater than 93 degrees Celsius)
FREEZE POINT: -22 degrees Fahrenheit (-30 degrees Celsius)
SHELF LIFE: 3 years in tightly sealed, unopened container

Limitations

- Not suitable for polished marble, limestone or travertine.
- Can cause discoloration and corrosion on certain types of metals. Always test.
- Not for use on treated low-E glass; acrylic and polycarbonate sheet glazing; and glazing with surface-applied reflective, metallic or other synthetic coatings and films.

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

Application

Before applying, read "Preparation" and "Safety Information" sections in the Manufacturer's Product Data Sheet for Safety Klean. Dilute Safety Klean concentrate with up to 3 parts water depending upon the nature and severity of the soiling. Refer to test area results for recommended dilution for intended use.

Exterior Application

1. Working from bottom to top, use clean water to thoroughly prewet surface to be cleaned.
2. Apply Safety Klean liberally using low-pressure spray (50 psi max), roller or densely filled (tampico) masonry washing brush. Do not apply with high-pressure spray. Do not atomize.
3. Let the cleaning solution dwell 3-5 minutes. Reapply. Light scrubbing of the surface improves cleaning results especially where high pressure rinsing equipment is not available. Do not let cleaning solution "dry into" to the masonry. If solution starts to dry, reapply.
4. Rinse with clean water from the bottom to the top, covering each section of the surface with a concentrated stream of water. To avoid streaking on vertical walls, take care to keep the wall below wet and rinsed free of cleaner and residues.

SPECIFIER NOTE: The best combination of rinsing pressure and water volume is provided by masonry washing equipment generating 400-1000 psi with a water flow rate of 6-8 gallons per minute delivered through a 15-45 degree fan spray tip.

SPECIFIER NOTE: Equipment should be adjustable to reduce water flow rate and rinsing pressure as required for controlled cleaning of more sensitive surfaces. See also "Equipment" section of the Product Data Sheet.

Interior Application

Proper ventilation is necessary. Use exterior application procedures. If pressure rinsing is not possible, use a sponge or soft-fibered brush to rinse thoroughly with clean water.

Cleanup: clean tools and equipment with fresh water.