



PPG Architectural Coatings

PORTERPREP™ Heavy Duty Cleaner

GENERAL DESCRIPTION

PORTERPREP Heavy Duty Cleaner No. PP571 is a nonflammable (NFPA 30), highly concentrated, waterbased, biodegradable, strongly alkaline cleaner for the removal of oil, grease, dust, dirt and other contaminants prior to further surface preparation and prior to painting. PORTERPREP Heavy Duty Cleaner No. PP571 is an excellent general purpose light industrial cleaner, and is especially recommended as a pre-cleaner when repainting epoxy and polyurethane protective coatings.

RECOMMENDED USES

- Cleaning and degreasing a wide variety of surfaces prior to further surface preparation
- Cleaning concrete floors and driveways
- Cleaner on aged protective coatings to enhance bonding of new topcoating

FEATURES / BENEFITS

- Waterbased Low odor
- Biodegradable Will not stay in soil
- Concentrated 10-1 mix ratio on most applications
- Economical Saves money
- Highly alkaline Excellent grease cutting capabilities
- Zero VOC No air regulatory issues

RECOMMENDED SYSTEMS

PORTERPREP Heavy Duty Cleaner No. PP571 can be used to clean a wide variety of surfaces in preparation for painting. Although the product can be used full strength for the most demanding cleaning situations, it is normally diluted with clean, potable water to any level required to achieve the maximum benefits in cleaning and economy. However, it must be thoroughly rinsed off with clean water to carry away contaminants.

Cleaned surfaces should be painted as soon as possible after the rinse water has dried.

NOTE: See Porter Paints Systems Guides for suitable paint systems for various substrates and conditions.

TINTING AND BASE INFORMATION

Tinting not applicable with this product.

PP571 Heavy Duty Cleaner

PRODUCT DATA

Product Type: Strongly alkaline detergent
Odor: Mild, household cleaner odor
VOC (theoretical): As supplied: 0.00 lb/gal (0.00 g/l)
Weight/Gallon: 8.51 lb
Specific Gravity: 1.02
pH (nominal): 13
Freezing Point: <32°F (<0° C)

(NOTE: Do not freeze. However, if product becomes frozen, thaw completely and stir before using.)

Boiling Point: 230°F (110° C)

Viscosity: Water viscosity

Thinner: Water

Coverage: Up to 1500 sq. ft./gal.

(NOTE: Coverage varies dramatically depending upon dilution ratio, surface roughness and level of contamination. It is recommended that for large projects, a test area be done to determine usage and total requirements for the project.)

Flash Point: >200°F (>93°C)

Federal Specification Crossover: None

Dilution With Water For Use: 1 part PORTERPREP Heavy Duty Cleaner No. PP571 to 0-25 parts water depending on application procedure, and amount and type of contamination.

Application: Apply solution to substrate to be cleaned and allow to soak for 3-5 minutes keeping the surface wet with cleaner. Do not allow the cleaner to dry on the surface. If the cleaner does dry before rinsing, reapply the cleaning solution. Scrub heavily contaminated surfaces with a brush or pad. Rinse thoroughly with clean water.

Dry time: Varies with ambient temperature and humidity, and temperature of the surface. Dry time is extended with lower temperature and elevated humidity.

Clean-up: Flush all equipment immediately after use with clean water. Return unused PORTERPREP Heavy Duty Cleaner No. PP571 to its original container.

LIMITATIONS OF USE

Product is highly alkaline-avoid contact with skin and eyes. Only use spray equipment designed for use with high alkalinity products. Do not allow to freeze. Do not apply in freezing conditions. Apply when air and surface temperatures are between 35°F (2°C) and 135°F (57°C). Do not apply to hot surfaces, particularly alkyd coated surfaces which are sensitive to highly alkaline conditions.

GENERAL SURFACE PREPARATION

Paint only clean, dry, deglossed and profiled (blasted, scarified or chemical treated) surfaces. Allow concrete to cure for 30 days before painting. Use PORTERPREP Heavy Duty Cleaner No. PP571 as a pre-cleaner to remove dirt, oils, grease and other contamination prior to further preparation. Remove loose paint, mill scale, rust, etc. by Hand Tool Cleaning, Power Tool Cleaning, Sweep Blast Cleaning or any suitable means. When appropriate, use PORTERPREP Heavy Duty Cleaner No. PP571 as a final cleaner to remove sanding dust, paint remover, etc. before painting.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

DIRECTIONS FOR USE

Stir thoroughly before using and occasionally during use. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

NOTE: Protect eyes from possible splash or spill with appropriate goggles, face shields or other suitable eye protection. If material is splashed into the eyes, flush the eyes with clean, potable water as soon as possible for 15 minutes. See a doctor as soon as possible. Protect skin from prolonged contact with PORTERPREP Heavy Duty Cleaner No. PP571 with appropriate protective clothing, rubber gloves, aprons, rubber boots, etc. If the product does contact the skin, flush the area thoroughly with clean, potable water.

Mixing: PORTERPREP Heavy Duty Cleaner No. PP571 is supplied in concentrated form. Although it may be used as supplied if the contamination is particularly heavy, PORTERPREP Heavy Duty Cleaner No. PP571 is normally diluted before application. Dilution ratios will vary depending upon the severity of the surface contamination. The following typical dilution ratios are good starting points to determine requirements for each project. To achieve the best economy for varying conditions, it will be necessary for the user to adjust the solution with more or less water until the optimum cleaning and economics are determined.

Dilution Ratios (using clean, potable water):

Heavy contamination:	1 part PORTERPREP Heavy Duty Cleaner No. PP571 to 0-5 parts water
Normal: Brush/Wipe-on:	1 part PORTERPREP Heavy Duty Cleaner No. PP571 to 5-15 parts water
Low Pressure Spray:	1 part PORTERPREP Heavy Duty Cleaner No. PP571 to 10-20 parts water
High Pressure Wash:	1 part PORTERPREP Heavy Duty Cleaner No. PP571 to 15-25 parts water

APPLICATION INFORMATION

Application: Apply the PorterPrep solution to the substrate to be cleaned by any convenient and appropriate method. Allow to soak for 3-5 minutes, keeping the surface wet with the cleaning solution. (Do not allow the surface to dry during cleaning. If the surface does dry, reapply the PorterPrep solution and complete the process.) For heavy or stubborn contamination, it will be necessary to scrub the wet surface with a stiff bristle brush, scouring pad or other tool to loosen and break away the contamination. When the cleaning cycle is finished, rinse the surface thoroughly with ample amounts of clean water to remove all traces of contamination and residual cleaning solution. **If necessary, repeat the cleaning steps until the surface is absolutely clean and ready to be sanded, tooled or otherwise prepared or painted.** Allow the surface to dry completely before further preparation or painting. Paint cleaned surfaces as soon as possible to prevent recontamination.

Clean-up: Flush all equipment immediately after use with clean water. Unused diluted PORTERPREP Heavy Duty Cleaner No. PP571 can be returned to its original container for future use, or should be disposed of in a safe manner recommended for alkaline materials.

SHIPPING

Freight Classification: CONSUMER COMMODITY ORM-D
Packaging: 4 Gallons per carton
Shipping Weight: 8.84 lb/gal (36.36 lb/carton)

PPGAF believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



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No.
 PP571
 (Rev 10/06)