

Heavy Duty Paint Stripper D

multi-layer paint remover

DESCRIPTION AND USE

Sure Klean® Heavy Duty Paint Stripper D, an alkaline formula with organic solvents, removes multiple layers of paint and graffiti from masonry surfaces. This “slow-working,” extended-contact paint remover remains active for 24 hours. One application of Heavy Duty Paint Stripper D dissolves heavy accumulations of paint, most spray paint, lacquers and other graffiti, restoring old masonry to its original appearance. Follow paint removal with masonry neutralizing using the appropriate Sure Klean® product. Heavy Duty Paint Stripper D contains no methanol or methylene chloride, and is water rinsable.

ADVANTAGES

- Remains active up to 24 hours, cutting through heavy accumulations of paint and most types of graffiti.
- Nonflammable and highly effective on many common paint coatings.
- Gel consistency adheres to vertical surfaces; reduces spillage, improves performance.
- Works with brush, roller or conventional airless spray equipment. See “Equipment” section.

Limitations

- Cold reduces product efficiency. Surface and air temperatures should be at least 50°F (10°C) during application.
- Do not use on wood. Alkaline ingredients raise the grain of wood and may interfere with paint adhesion or performance.
- Not appropriate for metal surfaces.

TYPICAL TECHNICAL DATA

FORM: White gel
 SPECIFIC GRAVITY: 1.293
 pH: 14
 WT/GAL: 10.73 lbs.
 ACTIVE CONTENT: NA
 TOTAL SOLIDS: NA
 FLASH POINT: > 200°F (> 93°C) ASTM D 3278
 FREEZE POINT: < -22°F (< -30°C)
 SHELF LIFE: 2 years in tightly sealed, unopened container

PREPARATION

Protect people, vehicles, property, plants, wood and all nonmasonry surfaces not set for cleaning from product, splash, rinse, residue, fumes and wind drift. Some glass and metal finishes may be damaged by exposure to paint stripping products. Test and protect if necessary. Sure Klean® Strippable Masking is not appropriate for use with paint stripping products.

Surface and Air Temperatures

Cleaning when temperatures are below freezing or will be overnight may harm masonry. Best air and surface temperatures for cleaning are 50°F (10°C) or above. If freezing conditions exist before application, let masonry thaw. NOTE: Hot temperatures or windy conditions may cause stripper to dry during long dwell periods, causing the stripping action to stop. Reduce dwell times to avoid drying.

Equipment

Use caustic-resistant brushes, rollers or conventional airless sprayers fitted with viton, teflon, or other caustic-resistant seals and parts. The spray hose should be poly-lined and chemical-resistant, pressure-rated for the spray. Spray tips need a minimum orifice size of 1/4” to prevent tip fouling. Spray equipment with gravity feed hopper attachments can also be used. Do not use aluminum containers or spray equipment. Sprayers should be adjusted to the lowest possible pressure setting that will produce an even flow of material. For the most efficient spray application, large airless sprayers with a minimum capacity of 1 gallon per minute are recommended.

Heavy Duty Paint Stripper D is recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.			
Substrate	Type	Use?	Coverage
Architectural Concrete Block	Burnished	yes	50-100 sq.ft. 5-9 sq.m.
	Smooth	yes	
	Split-faced	yes	
	Ribbed	yes	
Concrete	Brick	yes	50-100 sq.ft. 5-9 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
	Cast-in-place	yes	
Fired Clay	Brick	yes	50-100 sq.ft. 5-9 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble, Travertine, Limestone	Polished	no	NA
	Unpolished	yes	50-100 sq.ft. 5-9 sq.m.
Granite	Polished	yes	50-100 sq.ft. 5-9 sq.m.
	Unpolished	yes	50-100 sq.ft. 5-9 sq.m.
Sandstone	Unpolished	yes	50-100 sq.ft. 5-9 sq.m.
Slate	Unpolished	yes	50-100 sq.ft. 5-9 sq.m.

Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.

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Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Inadequate rinsing leaves residues which may stain the cleaned surface.

Masonry-washing equipment generating 400-1000 psi with a water flow rate of 6-8 gallons per minute is the best water/pressure combination for rinsing porous masonry. Use a 15-45° fan spray tip. Heated water (150-180°F; 65-82°C) may improve cleaning efficiency. Use adjustable equipment for reducing water flow-rates and rinsing pressure as needed for sensitive surfaces.

Rinsing pressures greater than 1000 psi and fan spray tips smaller than 15° may permanently damage sensitive masonry. Water flow-rates less than 6 gallons per minute may reduce cleaning productivity and contribute to uneven cleaning results.

Storage and Handling

Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature of 45-100°F (7-38°C). Do not double stack pallets. Dispose of in accordance with local, state and federal regulations.

APPLICATION

Before use, read “Preparation” and “Safety Information.”

ALWAYS TEST each type of surface and paint coating for suitability, dwell-time, number of applications and results before overall application. Use the following application instructions. Let test areas dry thoroughly before inspection.

Three test panels are recommended. The first should dwell 1-2 hours, the second 4-6 hours, and the third 12 hours or overnight. After all test panels have been pressure rinsed, evaluate results and determine optimum dwell time.

Dilution

Use in concentrate. Do not dilute or alter. Stir or mix well before use.

Window Frame Protection

Where possible, finish paint stripping and cleaning before replacing windows. Heavy Duty Paint Stripper D may harm window frames of wood, metal, vinyl or other material. Take these precautions:

1. Protect window frames using polyethylene secured by duct tape. Do not use masking tape.
2. When applying around protected frames, carefully brush apply to avoid contacting the protected frame surfaces.
3. Clean accidental spill, drip, or splash off protected window frames immediately.
4. Do not remove window frame protection until all stripping and rinsing is complete. If protection comes loose, it must be secured before work can proceed.

Application Instructions

Apply test panels according to the following procedures. General application procedures should be determined based on the results of the testing.

1. Remove all loose and peeling paint using pressure water or scraper. Let surface dry thoroughly.
2. Apply approximately 1/8” coat of stripper.
3. Leave paint stripper on the surface until the paint is obviously “lifted” or dissolved. If stripper is left on the surface unattended, take precautions to keep people away from treated surfaces. NOTE: When removing 15-20 coats of paint, a second application directly over the first application (before rinsing) often improves stripping efficiency. Let the first coat dwell for the predetermined time before the second application.
4. Using pressure rinsing equipment and working from the bottom to the top, thoroughly rinse the stripper and solubilized paint from the surface. Use as much water as possible.
5. Reapply stripper if needed. Shorter dwell times are usually enough on second applications where little paint remains.

Surface Neutralization

When all paint has been removed, treated surfaces must be neutralized by applying a solution of Sure Klean® Limestone & Masonry Afterwash pursuant to the application instructions on the product label. (See product literature – available at www.prosoco.com, or by calling Customer Care at 800-255-4255.) Failure to properly clean and neutralize treated surfaces with the proper cleaning compound results in an alkaline residue that may cause unsightly white haze and interfere with adhesion of clear sealers or future paint coatings.

6. Brush apply the prepared Afterwash to treated surfaces in a gentle scrubbing manner. Let Afterwash stay on the surface 3 to 5 minutes.
7. Rinse the treated area thoroughly. Remove all traces of paste residue and solubilized paint coatings. Note: When rinsing, heated water (150-180°F; 65-82°C) improves removal efficiency and reduces rinse water and liquid waste.
8. Using pH papers, pH pen or pH indicator solutions, check treated surfaces to ensure neutralization has been achieved. Repeat steps 6-7 above if needed until surface pH is 5.0 to 9.0.
9. Let neutralized surface dry thoroughly. Before applying new surface coatings, check the cleaned surface again using pH papers, pH pen or pH indicator solutions. Check that surface pH is neutral. Inadequate neutralization may cause surface discoloration or failure of new surface coatings.

Cleanup

Clean tools and equipment using fresh water.

Repainting

Where surfaces are to be repainted, the surface pH should be tested to ensure all caustic residues have been completely removed. Using pH papers, pH pen or solutions indicator, check treated surface to ensure that neutralization has been achieved. Surface pH should be

between 6-8 before repainting. Where surface pH is above a pH of 8, application of Sure Klean® Limestone & Masonry Afterwash or other appropriate Sure Klean® cleaner is recommended.

Lead-Based Paint Removal

PROSOCO offers a line of products specifically formulated for removing lead-based paint. Enviro Klean® paint removers were developed for lead-based paint abatement projects where removal, containment and disposal of lead containing wastes are of primary concern. For more information on use of Enviro Klean® products see PROSOCO Technical Bulletin 1291-LBPA. Call Customer Care at 800-255-4255 for a free copy.

Other Uses

Heavy Duty Paint Stripper D aids in removing heavy smoke, carbon and mildew stains below window sills, under eaves and other areas where dirt and carbon buildup is severe.

Always use Sure Klean® Limestone & Masonry Afterwash or Sure Klean® Restoration Cleaner to neutralize the treated surface.

Heavy Duty Paint Stripper D removes “vine stains” produced by vines or foliage growing on a masonry wall. Apply and let dwell for 12 hours or overnight. Pressure rinse and after wash with Sure Klean® Limestone & Masonry Afterwash or Sure Klean® Restoration Cleaner.

Heavy Duty Paint Stripper D is a caustic compound and is not recommended for stripping paint from wood surfaces or gypsum plaster. Direct contact with wood can damage or stain the wood surface. Caustic strippers should never be used to strip finely-finished wood surfaces or wood furniture. Follow all appropriate precautionary measures listed in the data sheet.

SAFETY INFORMATION

Sure Klean® Heavy Duty Paint Stripper D is an alkaline product and has safety issues common to corrosive materials. Use appropriate safety equipment and job site controls during handling and application. Read the full label and MSDS for precautionary instructions before use.

First Aid

Ingestion: If conscious, give large amounts of milk or water and call a physician, emergency room or poison control center immediately. Do not induce vomiting.

Eye Contact: Rinse eyes thoroughly for 15 minutes while lifting eyelids to assure thorough cleaning. Get immediate medical assistance.

Skin Contact: Remove contaminated clothing and rinse thoroughly for 15 minutes. Get medical attention as needed. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

24-Hour Emergency Information: INFOTRAC at 800-535-5053

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care - technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at www.prosoco.com, for the name of the Sure Klean® representative in your area.