

Enviro Strip™ 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 Strip™ and other Enviro Klean® products as part of a Lead-Based Paint Abatement program, see PROSOCO Technical Bulletin 1291 - LBPA. For a free copy, call PROSOCO Customer Care at 800-255-4255.

DESCRIPTION AND USE

Enviro Strip™ #2, an alkaline paste containing potassium hydroxide, is formulated to simplify rinsing and neutralization requirements. Use of Enviro Strip™ #2 reduces the volume of waste generated by conventional liquid and paste removal systems.

Formulated as a “slow working” paint remover, Enviro Strip™ #2 removes heavy accumulations of paint and graffiti from masonry, concrete, plaster, and some wood surfaces. One

application of Enviro Strip™ #2 dissolves multiple layers of many common paint coatings for controlled removal. Potentially hazardous paint solids are trapped in the semi-dry paste, simplifying their containment and disposal.

ADVANTAGES

- **Ideal for lead-based paint abatement — simplifies containment and disposal.**
- **Suitable for interior or exterior applications.**
- **Contains no methylene chloride or methanol.**
- **Nonflammable and water rinsable.**
- **Formulated to reduce environmental and applicator risks.**
- **Simplifies rinsing and neutralization requirements.**
- **Suitable for trowel or spray application.**
- **Paste adheres well to vertical surfaces — prevents airborne dust.**

Limitations

- Contains alkaline ingredients. Neutralize treated surfaces with Sure Klean® Limestone & Masonry Afterwash.
- Not suitable for use on aluminum, bronze, copper, lead, galvanized steel, and some types of metals. May damage polished marble, polished limestone and some wood surfaces. Always test or use Enviro Strip™ #3 or Enviro Klean® Safety Peel.
- May not remove urethane, epoxy, elastomeric or other synthetic coatings. Use Enviro Strip™ #3 or Enviro Klean® Safety Peel.

TECHNICAL DATA

FORM: Beige Paste
FLASH POINT: >200°F (>93°C) ASTM D 3278
SPECIFIC GRAVITY: 1.247
pH: 14
WT. / GAL. : 10.3 lbs.
FREEZE POINT: 9°F (-13°C)

PREPARATION

Protect people, vehicles, property, plants and all surfaces not set for paint stripping from product, splash, residue, fumes and wind drift. Enviro Strip™ #2 can corrode some metals, will darken and damage some wood surfaces, and will attack and remove paint coatings. Though Enviro Strip™ #2 has only a slight soapy odor, avoid exposing people to fumes. Always maintain adequate ventilation when working inside.

Equipment

Apply Enviro Strip™ #2 using a corrosion-resistant trowel or other suitable applicator. For application with spray equipment or paste extrusion equipment, mix before use or dilute slightly with fresh water to produce a thick, sprayable consistency. Equipment must be

Enviro Strip #2 is recommended for these substrates. Always test. Coverage is in square feet/meters per gallon.

Substrate	Type	Use?	Coverage*
Architectural Concrete Block**	Smooth	yes	6.5- 13 sq. ft. .6- 1. 2sq. m
	Split-faced	yes	
	Burnished	yes	
	Ribbed	yes	
Concrete	Brick	yes	6.5- 13 sq. ft. .6- 1. 2sq. m
	Tile	yes	
	Precast Panels	yes	
	Pavers Cast-in-place	yes	
Fired Clay	Brick	yes	6.5- 13 sq. ft. .6- 1. 2sq. m
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble, Travertine, Limestone	Polished	no	N/A
	Unpolished	yes	
Granite	Polished	yes	6.5- 13 sq. ft. .6- 1. 2sq. m
	Unpolished	yes	
Sandstone	Unpolished	yes	6.5- 13 sq. ft. .6- 1. 2sq. m
Slate	Unpolished	yes	6.5- 13 sq. ft. .6- 1. 2sq. m

*Applied 1/4"-1/8" thick. **May have limited effectiveness on highly porous surfaces. Coverage estimates depend on surface texture and porosity. Always test for suitability and desired results.

fitted with viton, teflon or other caustic-resistant seals and parts. The spray hose should be poly-lined, chemical resistant and pressure rated for the spray. Spray tips should have a 1/4" minimum orifice to prevent tip fouling. Spray equipment with gravity feed hoppers or paste extrusion equipment have proven most effective. Do not use aluminum containers or spray equipment. Sprayer should be adjusted to the lowest pressure setting to produce a slow, even flow of material.

Surface & Air Temperature

Product efficiency is reduced during cold weather. For maximum effectiveness, surface and air temperatures should be a minimum of 50°F (10°C) during application. Don't apply Enviro Strip™ #2 in subfreezing temperatures — wet paste freezes.

APPLICATION

Before use, read "Preparation" and "Safety Information."

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

NOTE: If Enviro Strip™ #2 appears ineffective, test with Enviro Strip™ #3 or Enviro Klean® Safety Peel.

Product may be diluted slightly with fresh water as needed for trowel or spray application.

Application Instructions

1. Apply paste to dry surface 1/8" to 1/4" thick using a corrosion-resistant trowel, sprayer or other suitable applicator.
2. Let paste stay on the surface for 2 to 24 hours or until paint dissolves. (Testing determines the necessary time for removal.) Keep people away from the paste.
3. If the paste dries and is no longer flexible, mist the surface with water. Let the paste stand an additional 15 minutes or until it has softened.

Note: A light polyethylene film or other moisture-resistant material may be used to cover the treated area. Lightly press the poly film against the paste so it clings. Tape or otherwise seal off the edges of the poly film.

4. Remove and collect the paste and dissolved paint coatings by inserting a corrosion-resistant spatula, trowel or other scraping device through the paste and carefully lifting the paste and dissolved paint from the surface. Remove as much residue from the surface as possible.
5. For small amounts of remaining paint, brush apply Sure Klean® Fast Acting Stripper according to label instructions.

Surface neutralization: Neutralize treated surfaces with Sure Klean® Limestone & Masonry Afterwash (See product literature.)

6. Brush apply the prepared Afterwash to treated surfaces in a gentle scrubbing manner.
7. Let Afterwash stay on the surface 3 to 5 minutes.

8. Rinse the treated area thoroughly. Remove all traces of paste residue and solubilized paint coatings.

NOTE: When rinsing, heated water (150°F to 180°F [66°C to 82°C]) improves removal efficiency and reduces rinse water and liquid waste.

9. Using pH papers, pH pen or pH indicator solutions, check treated surfaces to ensure neutralization has been achieved. Repeat steps 6 - 8 above if needed until surface pH is 5.0 to 9.0.
10. 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. Repeat steps 6 - 8 above as required to achieve a surface pH of 5.0 to 9.0.

Special Precautions for Wood Surfaces

Alkaline paste paint removers may damage some wood surfaces. Test for minimum surface dwell time necessary for effective paint removal. If surface darkens or roughens, reduce the dwell time. Complete removal of final paint layers using Enviro Strip™ #3 or Enviro Klean® Safety Peel.

Special Precautions for Steel Surfaces

Alkaline paste paint removers effectively remove heavy paint accumulations from carbon steel, stainless steel, and forged and cast iron. Alkaline paste paint removers may damage aluminum, bronze, copper, lead, galvanized steel and some other metal surfaces. Always test for results. If damage results, use Enviro Strip™ #3 or Enviro Klean® Safety Peel.

On large steel or iron panels, surface neutralization may wait, to inhibit corrosion. Complete steps 1 - 5 above, but let alkaline residue stay. Always remove alkaline residue, however, before applying new surface coatings. Use a light abrasive blast or follow steps 6 - 8 above. Test surface pH as described above before applying new coatings.

Coverage Rates

Estimated coverage rate for paste paint removers is 6.5 to 13 square feet per gallon (.6 to 1.2 square meters), on coatings 1/4" to 1/8" thick respectively. Rates vary based on surface texture and number of coatings.

Waste Disposal

When lead-containing paint and other paint coatings are removed from a building surface, disposal of the resulting waste is regulated by the United States Environmental Protection Agency (EPA) and many state and local agencies. Federal standards for classification, handling and disposal of potentially hazardous wastes are detailed in EPA's Resource Conservation and Recovery Act (RCRA) of 1976. Additional, more stringent regulations may be imposed by state and local regulatory authorities.

Solid, liquid or semi-solid wastes generated through use of Enviro Strip™ #2 are defined under RCRA as "solid waste". The waste may be classified "hazardous" if it is determined to

be corrosive, toxic or both. The hazardous characteristics of waste created will depend upon the nature of coatings being removed, method of rinsing and applicable regulations.

Contractors must consult and comply with current federal, state and local regulations regarding containment, transport and disposal of hazardous wastes. For more information regarding waste disposal as it applies to lead-based paint abatement programs, consult PROSOCO Technical Bulletin 1291-LBPA, available free by calling PROSOCO Customer Care at 800-255-4255.

SAFETY INFORMATION

Danger. Poison. Causes severe burns. Harmful or fatal if swallowed. Harmful if inhaled. For use by professional applicators only. Keep out of reach of children.

Precautionary Measures

Contains: Potassium hydroxide, alkanolamide, dipropylene glycol monomethyl ether. Causes severe burns on contact with skin, eyes and mucous membranes. May cause blindness. Do not get in eyes, on skin, or clothing. Avoid breathing and contact with mists. Keep container tightly closed when not dispensing product.

Use only with adequate ventilation. Do not breathe vapors or mist. Ensure fresh air entry during interior application. Exterior applications: shut down air handling units and close windows and doors to protect building occupants. If you notice irritating odor or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted, NIOSH-approved respirator. A NIOSH approved dust/mist respirator may be used for nuisance level mists. Wear splash goggles or a face shield, protective clothing, gloves and shoes to prevent splash to eyes and skin. Wash thoroughly after handling. Refer to the MSDS and label for additional precautionary information. Always read the product label thoroughly 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

Storage and Handling: Must be stored and transported upright with lid tightly in place. Store away from other chemicals, heat and open flames in cool, dry place with adequate ventilation. Do not reuse container or remove the label. Use only well maintained staging and scaffolding that is equipped with steel cable. Use

polypropylene ropes and safety lines. Dilution and application equipment should be of polypropylene or polyethylene construction. **If spilled,** follow all precautionary instructions. Keep from drains. Contain, dilute with water, and neutralize with dilute acid. Dispose of contaminated absorbent, container and product in accordance with local, state and federal regulations.

Do not alter, mix other chemicals, or dilute product or use for applications other than specified. Always protect passersby, building occupants, plantings and non-masonry surfaces from product, vapors and wind drift.

Container Disposal: Hazardous when empty. Follow all precautionary instructions. Triple rinse with water and dispose of in a sanitary landfill (check local restrictions).

Shelf life: 2 years from the date of manufacture in tightly sealed, unopened container.

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 website at www.prosoco.com, for the name of the Enviro Klean® representative in your area.