

LITHOCHROME™ COATING REMOVER



L. M. SCOFIELD COMPANY

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A ready-to-use, water-rinsable, biodegradable coating stripper specially formulated to remove many Scofield curing and sealing materials.

1. Description and Uses: LITHOCHROME™ Coating Remover is specially formulated to remove LITHOCHROME® Colorwax™, COLORCURE® Concrete Sealer, CEMENTONE® Clear Sealer, and SCOFIELD® Cureseal-W™ from horizontal concrete and prepare the surface for resealing. Used on exterior flatwork or interior floors, it is an effective remover that is safer and more environmentally compatible than strippers containing methylene chloride.

LITHOCHROME Coating Remover is applied to the surface of sealed concrete and left wet and undisturbed until the sealer has softened and loosened enough so that it may be separated from the surface by scrubbing with a rotary floor machine or walk-behind scrubbing machine. The residue is then removed by use of a wet vacuum. Cleanup is with soap and water.

To renew the appearance of the concrete and reduce staining from materials such as automotive oil, grease, and food spills, the stripped surfaces should be resealed as soon as possible.

Exterior colored or uncolored concrete flatwork previously cured or finish coated with LITHOCHROME Colorwax may be recoated with either COLORCURE Concrete Sealer or LITHOCHROME Colorwax. Because of its superior abrasion resistance, COLORCURE Concrete Sealer is normally recommended. However, if desired, LITHOCHROME Colorwax may be used to recoat exterior concrete flatwork that will be allowed to weather naturally or that will only receive occasional maintenance and recoating. Colored-concrete surfaces should be recoated in the matching color. Uncolored concrete surfaces should be recoated in A-11 Concrete Gray.

Colored, chemically-stained, or uncolored exterior concrete flatwork and interior floors previously cured and sealed with COLORCURE Concrete Sealer should be resealed with

COLORCURE Concrete Sealer. Colored or chemically stained concrete surfaces should be resealed in the matching color. Uncolored concrete surfaces should be resealed in A-11 Concrete Gray.

All exposed-aggregate, chemically-stained, antiqued, imprinted, and any other multicolored concrete flatwork and floors previously sealed with CEMENTONE Clear Sealer or SCOFIELD Cureseal-W should be resealed with the appropriate Scofield sealer.

Uncolored concrete flatwork or floors previously sealed with CEMENTONE Clear Sealer or SCOFIELD Cureseal-W should normally be resealed with the appropriate Scofield sealer. When a more opaque appearance is desired, uncolored concrete may be sealed with COLORCURE Concrete Sealer in A-11 Concrete Gray.

Additional information about resealing stripped concrete flatwork and floors is available in Scofield's Tech-Data Bulletins A-514 LITHOCHROME Colorwax, A-634 COLORCURE Concrete Sealer, A-764 CEMENTONE Clear Sealer, and B-204 SCOFIELD Cureseal-W.

Before using, check with your Scofield Customer Service Representative to ensure that you have the most recent Scofield Tech-Data Bulletins.

WARNING

LITHOCHROME Coating Remover is very slippery when applied and until removed. Application areas must not be walked on while the remover remains on the surface, and the material must not be tracked by foot or equipment to adjacent areas. The work area must be completely barricaded and closed to all forms of traffic. Spills must be cleaned up immediately.

2. Limitations: LITHOCHROME Coating Remover cannot be used to remove SCOFIELD® Cureseal-S™, SCOFIELD® Selectseal-W™, SCOFIELD® Selectseal-S™, or SCOFIELD® Repello®.

After removing colored sealers, some residual color may remain due to penetration of pigmentation into the concrete

surface. This will be more noticeable if the color of the sealer varied from that of the underlying concrete.

LITHOCHROME Coating Remover may damage joint sealants, painted surfaces, asphalt and vinyl tile, and other nonresistant materials or equipment. Scrubbing during the stripping procedure may remove or reduce the antiqued appearance of imprinted-concrete surfaces that have been antiqued by use of a colored release agent, such as LITHOCHROME® Antiquing Release.

Before the reapplication of LITHOCHROME Colorwax, COLORCURE Concrete Sealer, CEMENTONE Clear Sealer, or SCOFIELD Cureseal-W, all residue left by the stripping process must be completely removed and the surface must be thoroughly cleaned.

3. Composition and Materials: LITHOCHROME Coating Remover is formulated to be an effective, yet safer and more environmentally compatible coating remover than strippers containing methylene chloride.

4. Sizes: LITHOCHROME Coating Remover is available from stock in 1-gallon (3.8 L) and 5-gallon (18.9 L) pails. Sample sizes of LITHOCHROME Coating Remover for investigational use are available on request.

5. Coverage: Coverage will vary depending on the coating to be removed and the texture and condition of the surface to be stripped. When applied full strength, the coverage rate is approximately 70–100 square feet per gallon (1.7–2.5 m²/L) per application of remover.

6. Storage and Shelf Life: When stored indoors in the original unopened container and protected from freezing and extreme heat, the shelf life of LITHOCHROME Coating Remover is at least 1 year from the date of purchase. Inventory should be rotated.

7. Cautions: WARNING! VAPOR HARMFUL. CAUSES EYE IRRITATION. PROLONGED OR REPEATED EXPOSURE CAUSES SEVERE SKIN IRRITATION. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

Contains Dimethyl Glutarate, N-Methylpyrrolidone, and Dimethyl Adipate. Use only with adequate ventilation. Do not breathe vapors. Do not get in eyes, on skin, or clothing. Store upright in tightly closed containers away from combustible materials and sources of heat. Ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear a properly fitted P100/organic vapor respirator (NIOSH TC-84A approved) during and after application. Follow respirator manufacturer's directions for respirator use.

FIRST AID: Eyes—DO NOT RUB EYES. FLUSH IMMEDIATELY WITH WATER THEN GET MEDICAL ATTENTION. Hold eyelids apart while flushing material out thoroughly with large amounts of water. Ingestion—GET MEDICAL ATTENTION IMMEDIATELY. Skin—Wash thoroughly with soap and water. Remove soiled clothing and footwear and wash before reuse. Discard contaminated shoes. Inhalation—Move to fresh air. If symptoms persist or develop, get medical attention.

Wash thoroughly immediately after handling. Close container after each use. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Do not reuse empty container. Before using or handling, read the *Material Safety Data Sheet and Warranty*. FOR PROFESSIONAL USE ONLY.

8. Equipment for Application and Removal:

When using equipment and materials during preparation and installation, suitable protective gear should be worn and government regulations, manufacturer's instructions, and all applicable safety requirements should be followed.

All equipment should be rinsed and cleaned regularly during the stripping process. Applicators, brushes, or stripping pads should be replaced as needed due to wear or unremovable buildup of material.

For application, a chemical-resistant roller, lambswool applicator, mop, soft broom or brush should be used.

For removal, the surface should be scrubbed using a heavy-duty rotary floor machine, operating at approximately 175 rpm and equipped with a stiff nylon or bassine brush. On flat interior floors only, a pad-driver and black stripping pads should be used. For maximum efficiency when stripping large surfaces, especially interior

floors, a walk-behind scrubbing machine with large solution and recovery tanks is recommended.

To accumulate residue, long-handled floor squeegees are helpful.

To pick up residue, a commercial, high capacity, chemical-resistant wet-vacuum should be used. On flat surfaces, specialty wet-vacuums mounted on wheels with a wide, floor-level, squeegee nozzle attachment are the most effective. A walk-behind scrubbing machine will facilitate pickup on larger surfaces.

9. Preparation: Prior to general application, a representative test area should be prepared and stripped to verify and approve suitability, performance, application and removal techniques, timing, and safety procedures.

The work area must be roped off, nearby vehicles removed, and appropriate sections closed to traffic. Ventilation systems should be adjusted so that air does not flow from the work area into occupied adjacent offices or enclosed rooms. Surrounding areas, landscaping, and adjacent surfaces must be masked and protected with solvent-resistant plastic sheets. Unless doors are closed or railings are in place, applications should not be made near open drop-offs such as dock-high bays.

The area to be stripped should be divided into work sections that are arranged so that scrubbing and wet vacuuming procedures can occur without stepping in the liquid coating remover or residue.

10. Application: For personal and clothing protection, chemical-resistant goggles, gloves, apron, and high-top, nonslip work boots should be worn.

LITHOCHROME Coating Remover should be thoroughly stirred immediately prior to using, and applied full strength (unthinned). Using the equipment recommended for application in *8. Equipment for Application and Removal*, the remover should be applied so that the surface is liberally and completely covered.

After application, LITHOCHROME Coating Remover should be left wet and undisturbed on the surface until the curing or sealing material softens and loosens, normally a minimum of 30 minutes. The remover must not be allowed to dry. Timing depends on temperature and humidity. If removal procedures are begun too early the sealer will not separate from the surface. If they are begun too late the sealer will re-adhere, requiring another application of remover.

Before it is removed from the surface, LITHOCHROME Coating Remover is extremely slippery. Application areas must not be walked on while the remover remains on the surface, and care should be taken during application and removal procedures. Remover that has been tracked to adjacent areas, dripped, or spilled must be cleaned-up immediately for safety considerations and to reduce spot damage.

11. Removal: Abrasive stripping may wear away softer concrete. An area should be tested before general scrubbing of the surface begins.

After the sealer has softened, it should be separated from the surface by scrubbing with a rotary floor machine or walk-behind scrubbing machine. For the best scrubbing action, scrubbing machines should be operated at a slow forward speed, and a dilute solution of a suitable commercial detergent should be used in the solution tank. Small areas or sections not reachable by the floor machine or walk-behind scrubbing machine should be hand-scrubbed with a stiff, chemical-resistant brush.

The surface should be periodically wiped and examined for completeness of removal. The application and scrubbing process should be repeated until the sealer is completely removed.

12. Cleaning: Immediately after scrubbing, the residue should be picked up with a wet vacuum. Use of a squeegee to move and concentrate the residue before vacuuming will facilitate pickup. All collected material should be disposed of in accordance with applicable regulations.

Immediately after the residue has been removed, the surface should be thoroughly cleaned with a suitable commercial detergent and rinsed with clean water. Scrubbing with the rotary floor machine or walk-behind scrubbing machine will facilitate cleaning. Rinsing should continue until the rinse water is clear. Runoff should be controlled.

The washing and rinsing process should be repeated at least once and as needed until all traces of residue are completely removed. Rinse water should be disposed of in accordance with applicable regulations.

After the cleaning process is finished, the surface should be thoroughly inspected to determine if all traces of the sealer and residue have been completely removed. If not, the stripping and cleaning process should be repeated as needed.

When removing colored curing and sealing materials, some residual coloration may remain after removal due to

penetration of pigmentation into the concrete surface. This will be more noticeable if the color of the curing or sealing material varied from the concrete color.

13. Sealing: Only uniformly slip-resistant concrete surfaces, such as broomed, swirl or sponge floated, sandblasted, acid-etched, or most imprinted-concrete should be sealed. Textures that are not slip resistant must be roughened by some texturing method such as acid etching, sandblasting, or machine scarifying.

For appearance and protection, the stripped and cleaned surface should be sealed as soon as it is thoroughly dry.

COLORCURE Concrete Sealer in the matching color should be used to seal freshly stripped, interior concrete floors

or exterior flatwork that will receive regular maintenance and resealing.

LITHOCHROME Colorwax in the matching color may be used to seal freshly stripped exterior flatwork that will be allowed to weather naturally or that will only receive occasional maintenance and resealing.

CEMENTONE Clear Sealer or SCOFIELD Cureseal-W should be used when a clear sealer is desired to seal and protect newly stripped, uncolored, antiqued, imprinted, chemically stained, exposed-aggregate, or multicolored floors and flatwork.

Additional information about sealing and maintaining concrete flatwork and floors is available in the Scofield Tech-Data Bulletins A-634 *COLORCURE Concrete Sealer*, A-514 *LITHOCHROME Colorwax*, A-764

CEMENTONE Clear Sealer, and B-204 *SCOFIELD Cureseal-W*.

14. Availability: LITHOCHROME Coating Remover is marketed nationwide and internationally, directly to the user through strategically located warehouses, dealers, and representatives. Scofield should be contacted for its nearest representative.

15. Warranty Summary: For the complete warranty statement and important limitations, read the *Material Safety Data Sheet and Warranty*. Generally, Scofield represents and warrants only that its products are of consistent quality. No other oral or written statement is authorized. Any liability is limited to refund or replacement of defective materials. The end user shall determine suitability and assume all risks and liability.