



# LITHOCHROME™ Coating Remover

A ready-to-use, water-rinsable stripper formulated to remove many concrete curing and sealing materials.

TECH-DATA BULLETIN TD-3621.07

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## 1. Product Description:

LITHOCHROME™ Coating Remover is formulated to remove a wide range of curing compounds, sealers and adhesives from 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 with a scraper. 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.

## 2. 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 200–300 square feet per gallon (4.9–7.3 m<sup>2</sup>/L) per application of remover.

## 3. Limitations:

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.

### 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.

LITHOCHROME Coating Remover is a flammable liquid, and the residue generated during the coating removal process will also be flammable. Soak residue and cleanup materials in water and store in closed, metal containers prior to disposal in accordance with local regulations.

## 4. Packaging:

LITHOCHROME Coating Remover is available from stock in 1-gallon (3.8 L) and 5-gallon (18.9 L) pails.

## 5. Storage and Shelf Life:

When stored indoors in the original unopened containers and protected from freezing and extreme heat, the shelf life of LITHOCHROME Coating Remover is at least 2 years from the date of manufacture. Inventory must be rotated to maintain product that is within shelf life limits

## 6. Cautions:

### WARNING!

**COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. KEEP OUT OF THE REACH OF CHILDREN.** Contains Petroleum Distillates. Vapor harmful. May affect the brain or central nervous system causing dizziness, headache or nausea. Causes eye, skin, nose and throat irritation. May cause allergic skin reaction. Harmful if swallowed. Do not take internally.

**NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. See MSDS for further information.

Keep away from heat, sparks, and flame. Use only with adequate ventilation. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in areas where this material is used.

### INTERIOR USE

**WARNING:** Do not allow vapors from this product to penetrate into foodstuffs. Remove animals from quarters until all vapors have dissipated. Turn off all pilot lights.

**First Aid:** Eyes—OBJECT IS TO FLUSH MATERIAL OUT IMMEDIATELY THEN GET MEDICAL ATTENTION. Flush IMMEDIATELY with lukewarm water while holding eyelids apart. Flushing within several seconds is essential to achieve maximum effectiveness. If physician is not immediately available, continue flushing with water. Ingestion—Do not induce vomiting. Vomiting will cause further damage to the throat. Give conscious victim 1 to 2 glasses of water. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Contact local poison control center. Immediately transport victim to an emergency facility. Never give anything by mouth if victim is losing consciousness, or is unconscious or convulsing. Skin—Wash thoroughly with soap and water. Remove soiled clothing and footwear and wash before reuse. If irritation occurs, get medical attention. Inhalation—If breathing becomes difficult, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If symptoms persist or develop, get medical attention.

In Case of Fire: Use CO<sub>2</sub> or dry chemical extinguisher. Do not use water spray.

Wash thoroughly immediately after handling. Close container after each use. If spilled, eliminate all sources of ignition. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Do not reuse empty container. Empty containers may contain hazardous product residues. Before using or handling, read the *Material Safety Data Sheet and Warranty*.



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**7. Equipment for Application and Removal:**

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

For personal and clothing protection, chemical-resistant goggles, gloves, apron, and high-top, nonslip work boots are recommended.

For application, a stiff-bristled broom or brush should be used. For removal, scrapers are generally most effective.

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**8. 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 removal procedures can occur without stepping in the liquid coating remover or residue.

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**9. Application:**

LITHOCHROME Coating Remover should be thoroughly stirred immediately prior to using, and applied full strength (unthinned). Using the equipment recommended for application in section 7. *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 10–30 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 flammable and 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.

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**10. Removal:**

After the sealer has softened, remove residue with a scraper and store removed material in a closed, metal container. All collected material should be disposed of in accordance with applicable regulations.

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**11. Cleaning:**

Immediately after removal, pressure wash the concrete surface to remove any remaining residue. 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.

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**12. Availability:**

LITHOCHROME Coating Remover is marketed nationwide and internationally, directly to the user through strategically located warehouses, dealers, and representatives. Contact Scofield for its nearest representative.

Scofield offers a complete line of engineered systems for coloring, texturing, and improving performance in architectural concrete. Scofield Systems address specialized requirements for interior, exterior and vertical uses with compatible systems of complementary products including coloring admixtures, color hardeners, colored cementitious toppings, stains, curing compounds, sealers, coatings, repair products and texturing tools. Visit the Scofield website at [www.scofield.com](http://www.scofield.com) for further information.

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**13. Limited Warranty:**

Since no control is exercised over product use, L. M. Scofield Company (Scofield) represents and warrants only that its products are of consistent quality within manufacturing tolerances. NO OTHER ORAL OR WRITTEN REPRESENTATION OR STATEMENT OF ANY KIND, EXPRESS OR IMPLIED, NOW OR HEREAFTER MADE IS AUTHORIZED OR WARRANTED BY SCOFIELD, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Liability for breach of contract, negligence, or on any other legal basis is limited to the lesser of refund or replacement of defective materials. SCOFIELD WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING FOR DELAYS OR LOST PROFITS. Communication of this warranty and its limitations to end users is not the responsibility of Scofield, but should be communicated by those in direct contract with the end user. Any claim regarding product defect must be received in writing within one year from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end user shall determine the suitability of the products for the intended use and assumes all risks and liability in connection therewith.



1 800 800 9900 or [www.scofield.com](http://www.scofield.com)

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**SCOFIELD PRODUCTS ARE INTENDED FOR PROFESSIONAL USE ONLY**

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**L. M. Scofield Company customer service: 1 800 800 9900****Western Headquarters:** 6533 Bandini Blvd., Los Angeles, CA 90040 **voice:** 323 720 3000 **fax:** 323 720 3030**Eastern Headquarters:** 4155 Scofield Road, Douglasville, GA 30134 **voice:** 770 920 6000 **fax:** 770 920 6060[www.scofield.com](http://www.scofield.com)