

PRODUCT DATA SHEET

LITHOTEX[®] Liquid Release

LITHOTEX[®] Liquid Release is a high-performance, low odor, stamp tool release solvent designed to improve the ease of separating concrete embossing stamps, skins, and texturing tools from freshly poured cementitious surfaces.

PRODUCT DESCRIPTION

LITHOTEX[®] Liquid Release is a high-performance, low odor, stamp tool release solvent designed to improve the ease of separating concrete embossing stamps, skins, and texturing tools from freshly poured cementitious surfaces. It quickly evaporates from surfaces, and does not interfere with concrete coloring dyes, paints, sealers, or water repellants.

It will not cause degradation of quality imprinting tools or embossing skins. Visit the Scofield website at www.scofield.com for information and instructional materials about imprinting concrete or cementitious toppings with LITHOTEX[®] Pavecrafters tools.

USES

Use in the stamping or embossing process to help tools lift and separate from wet and plastic cementitious materials.

- Relieves suction between tools and wet surfaces.
- Helps keep tools clean.
- Improves detail of stamp patterns.

CHARACTERISTICS / ADVANTAGES

- Completely evaporates.
- Leaves behind no greasy film.
- Will not harm most tools.

APPROVALS / STANDARDS

Complies with applicable air quality management regulations that restrict VOC content to less than 450 g/L (3.75 lb/gal).

PRODUCT INFORMATION

Packaging	1-gallon (3.8 L) and 5-gallon (18.9 L) pails.
Appearance / Color	Colorless clear liquid.
Shelf Life	2 years from the date of manufacture.
Storage Conditions	Store in tightly closed containers below 120°F (49°C).

APPLICATION INSTRUCTIONS

Warning: Any electrical equipment used with LITHOTEX® Liquid Release must be explosion proof or designed specifically for use with solvent-based products. Remove all open flames, pilot lights, sparking equipment, or other sources of ignition from the area prior to opening. Only use in well ventilated areas.

APPLICATION

Prior to use, all tools must be dry and thoroughly clean of old concrete and residues. Freshly placed concrete should be softly set and have no bleed water puddled on the surface.

Apply release directly to tools by use of solvent resistant trigger spray bottle, or pump garden sprayer immediately before imprinting. Typical application rate is approximately 600 square feet per gallon (10 m²/L). Rough tool finishes will require more release than smooth finishes. Other factors effecting coverage can include timing, method of finishing prior to imprinting, effect desired, tools and weather conditions. For extremely sticky surfaces, release can be applied directly to the surface to be stamped at approximately 200 square feet per gallon (5 m²/L).

Jobsite Test Sections and Samples

Prior to general jobsite use, a representative Jobsite Test Section(s) or "Mock-Ups" must be produced and approved for each individual concrete color mix design, imprinting pattern, surface finish/texture, and for each curing compound/sealer and coating combination that will be created. They must be of adequate size to be representative of the job, and utilize the same workers that will perform the final installation. For large stamp patterns utilizing multiple imprinting mats, a minimum of 100 square feet (10m²) is required. Careful attention should be paid to edge pattern terminations, and pattern rotation techniques.

Producing antiqued, imprinted concrete requires skill and practice. Timing, finishing, application and removal techniques, mix design, texture of the imprinted pattern, color combinations, weather, experience in use of the materials, sealing and other factors will significantly affect the final appearance of the surface. Construct the Jobsite Test Section in conditions as similar as possible to those expected during the larger installation.

When applicable, test completed systems for wet and dry slip resistance. Evaluate polishing or coating application techniques, final color, and visual appearance. Do not proceed with products, techniques, or finishing systems that do not meet required specifications or meet with site owner approval.

AVAILABILITY/WARRANTY

Availability

LITHOTEX® Liquid Release 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 for further information and instructional materials.

LIMITATIONS

LITHOTEX® Liquid Release performs best when used at 40°-95°F (4.5°-35°C). LITHOTEX® Liquid Release is not intended for use as a vertical formwork release, bond-breaker, or mold release.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety

Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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Product Data Sheet

LITHOTEX® Liquid Release
October 2018, Version 01.01
021405021000000294

LITHOTEXLiquidRelease-en-US-(10-2018)-1-1.pdf

