

PRODUCT DATA SHEET

Laser Form[®] Release Agent

FORM RELEASE AGENT, CHEMICALLY REACTIVE, WATER-BASED, VOC COMPLIANT, SUITABLE FOR USE WITH EXPANDED POLYSTYRENE

PRODUCT DESCRIPTION

Laser Form Release Agent is a VOC compliant, chemically reactive water-based form release agent. Laser Form Release Agent is designed for use with Sika Greenstreak Laser Form[®] advanced edge forming system to produce crisp positive release form stripping and clean up time. Laser Form Release Agent will not stain concrete surfaces and is suitable for use in enclosed environments.

USES

For use in conjunction with Sika Greenstreak Laser Form

CHARACTERISTICS / ADVANTAGES

- Provides smooth, uniform surfaces with minimum voids
- Can be safely applied to the Laser Form System. Conventional petroleum or solvent-based products are not suitable for this system
- When properly applied, forms a chemically reactive film that minimizes dust attraction and resists removal by rain
- Upon exposure to freshly placed concrete, Laser Form Release Agent immediately reacts chemically to form a slippery soapy film on the form surface. This soapy film allows excess mixing water and entrapped air, upon vibration, to travel up the form source, or into the mix on horizontal concrete to permit a bright white, uniformly colored, void free concrete finish while positively preventing concrete bonding to form surfaces
- Will not stain resulting concrete surfaces and will not impair the natural bonding characteristics of paints, plasters, mortar, epoxies, and other concrete surface coatings to the resulting concrete, assuming adequate

surface preparation

- Laser Form Release Agent is green in color and provides a visual aid during application
- Meets or exceeds California Clean Air Act Rule 1113 for volatile organic content and other governmental air pollution, ecological, and occupational worker safety legislation

PRODUCT INFORMATION

Packaging	5 gallon pails
Appearance / Color	Lime Green Emulsion
Shelf Life	2 years in sealed container
Storage Conditions	Protect from freezing
Flash Point	165°F (74°C) (ASTM D92)
Bulk Density	7.85 lbs/gal (942 g/l)
Viscosity	32 SUS @ 100°F (38°C) (ASTM D88)

APPLICATION INFORMATION

Coverage	Typical application rate is approximately 400 - 600 square feet per gallon (approximately 600-900 linear feet of standard Laser Form product)
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APPLICATION INSTRUCTIONS

APPLICATION

- Read current product literature, labels, and safety data sheets (SDS) prior to use.
- Mix Laser Form Release Agent by mechanical means before each use. Laser Form Release Agent is ready to use and requires no dilution. Dilution with water may cause separation of the emulsion, rendering product unsuitable for use. Typical application rate is approximately 400 - 600 SF/gal (600 - 900 linear feet of standard Laser Form product).
- Form surfaces do not have to be completely dry in order to apply Laser Form Release Agent. Small quantities of water on the form surface such as dew will not affect its performance. Ambient form surface temperature must be in excess of 32°F to prevent product from freezing.
- Due to its chemical method of operation, Laser Form Release Agent should be applied in thin films to secure maximum performance and economy. While all conventional application methods may be employed, spray application is recommended using appropriate sprayer and nozzle. Care should be taken to avoid overapplication. Excess material, runs, and puddles can affect performance. Caution should be exercised to prevent material overspray contacting reinforcing steel.

LIMITATIONS

- Not intended for use where forms are stripped prior to adequate concrete cure
- Not intended for storage or material application under freezing conditions. Exposure of containers to freezing temperatures can cause irreversible damages rendering product unsuitable for use. (Freezing temperatures have no affect of Laser Form Release Agent once applied films have dried.)
- Make test application under intended use conditions

and objectives and base decision to proceed with field application solely on result obtained

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

REGULATION (EC) NO 1907/2006 - REACH

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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