

SilForce™ SL6130

SilForce* SL6130 Release Coating

Description

SL6130-D1 release coating solventless polymer is a tight (high) release portion of a multi-component silicone release coating system. When blended with SL6000-D1/SL6010-D1 or SL6100-D1/SL6110-D1 release coatings and properly cured, a range of controlled release against different types of pressure sensitive adhesives can be attained. SL6130-D1 release polymer contains platinum for sustained reactivity at medium-high concentrations.

Key Features and Benefits

- Stable aged release
- Efficient response/high resin content
- Platinum included - fast cure
- Low foaming
- Non-blocking

Typical Physical Properties

PROPERTY	VALUE
Viscosity, cps, 25°C (77°F)	1,600 -2,700
Specific Gravity, 25°C (77°F)	1.05
Density, lbs./gal.	8.76
Flash Point, closed cup, °C (°F)	> 93.3 (> 200)

Potential Applications

The SL6000-D1/SL6130-D1 and SL6100-D1/SL6130-D1 systems of reactive silicone polymers are intended for use as release coatings on paper and plastic substrates used in the manufacture of pressure sensitive tapes and labels. One- and two-sided constructions are possible.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

The warranty period for SL6130-D1 release polymer is 12 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at temperatures no greater than 25°C (77° F) or below.

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at

www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Processing Recommendations

Please refer to Momentive Performance Materials Application Guide on the SL6000-D1 or SL6100-D1 solventless release coating systems. Request Momentive Performance Materials publication #4855 or #4883.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Specifications

FDA STATUS

The SL6000-D1 and SL6100-D1 multi-component systems without a tight release polymer comply with the following FDA regulations:

- 175.320, resinous and polymeric coatings for polyolefin films
- 176.170, components of paper and paperboard in contact with aqueous and fatty foods
- 176.180, components of paper and paperboard in contact with dry foods for use as release surfaces for pressure sensitive adhesives.

Consult these regulations for limitations of use with respect to platinum content, food type and use conditions. SL6030-D1 may only be used as a release coating for pressure sensitive adhesives under regulation 176.180.

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For literature and technical assistance, visit our website at: www.momentive.com

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