

SilForce* SL6020

SilForce* SL6020 Release Coating

Description

SL6020-D1 release coating is a reactive polysiloxane copolymer used to cure either SL6000-D1/SL6010-D1 or SL6100-D1/SL6110-D1 release coatings.

Key Features and Benefits

- Fast, low temperature cure
- Stable release values
- Reduced oven dusting

Typical Physical Properties

PROPERTY	VALUE
Viscosity, cps, 25°C (77° F)	35-40
Specific Gravity, 25°C (77° F)	.98
Density, lbs./gal.	8.17
Flash Point, closed cup, C° (F°)	> 93.3 (> 200)

Potential Applications

The SL6000-D1 and SL6100-D1 release coating 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 SL6020-D1 is 12 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at 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

See Momentive Performance Materials Application Guide on the SL6000-D1 and SL6100-D1 solventless release coating systems.

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 release coating 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. Tight release polymers (SL6030, SL6130, SL5030) may only be used as a release coating for pressure sensitive adhesives under regulation 176.180.

Availability

SL6020-D1 may be ordered from Momentive Performance Materials, Waterford, NY, 12188, the Momentive Performance Materials sales office nearest you or an authorized Momentive Performance Materials distributor.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

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

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