

SilForce™ SL6040

SilForce* SL6040 Release Coating

Description

SL6040-D1 release coating is the inhibitor designed for use with SL6000-D1, SL6100-D1 and other addition curing, thermal silicone release coating systems.

Key Features and Benefits

- Good bulk and thin film bath life
- Fast cure
- Good uniform coverage
- Flexibility in formulation

Potential Applications

The SL6000-D1 and SL6100-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.

Typical Physical Properties

PROPERTY	VALUE
Type/use	Inhibitor
Specific Gravity, 25°C (77°F)	1.07

Density, lbs./gal.	8.9
Flash Point, closed cup, °C (°F)	123 (253)
Refractive Index	1.4664

Patent Status

Standard copy to come

Product Safety, Handling and Storage

The warranty period for SL6040-D1 release coating 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.

Standard copy to come

Processing Recommendations

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

Limitations

Standard copy to come

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. Tight release polymers (SL6030, SL6130, SL5030, SL6635) may only be used as release coatings for pressure sensitive adhesives under regulation 176.180.

Availability

SL6040-D1 release coating may be ordered from Momentive Performance Materials, Waterford, NY 12188, the Momentive Performance Materials Sales office nearest you or an authorized Momentive Performance Materials product distributor.

Contact Information

Email

commercial.services@momentive.com

Telephone

Americas	Latin America	EMEAI- Europe, Middle East, Africa & India	ASIA PACIFIC
+1 800 295 2392	Brazil	Europe	China
Toll free*	+55 11 4534 9650	+390510924300	800 820 0202
+704 805 6946	Direct Number	Direct number	Toll free
Direct Number			+86 21 3860 4892

All American countries	Mexico +52 55 2169 7670 Direct Number	India, Middle East & Africa + 91 44 71212207 Direct number	Direct number Japan +81 3 5544 3111 Direct number
		*All Middle Eastern countries, Africa, India,	Korea +82 2 6201 4600

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

DISCLAIMER:

THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY “SUPPLIER”), ARE SOLD SUBJECT TO SUPPLIER’S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER’S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user bears full responsibility for making its own determination as to the suitability of Supplier’s materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier’s products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier’s standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement

contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

*SilForce™ is a trademark of Momentive Performance Materials Inc.

The use of the "™" symbol designates registered or unregistered trademarks of Momentive Performance Materials Inc. or its affiliated companies. Momentive and the Momentive logo are trademarks of Momentive Performance Materials Inc.