

## SilForce™ SL4320

### SilForce\* SL4320 Release Coating

#### Description

SL4320 release coating is a solvent-free reactive polymethylhydrogensiloxane crosslinker useful for cure of vinyl functional silicone release coatings.

#### Key Features and Benefits

- May be useful for solvent based and solventless addition cure release coatings
- Combines fast cure response with good anchorage to most paper and plastic substrates

#### Typical Physical Properties

Property	Value	Unit of Measure
Solids (150°C, weight loss method)	>95	Wt %
Viscosity	15 – 45	cstk, 25°C
Density	8.26	Lb./gal
Appearance	Clear	Visual

#### PERFORMANCE

##### Comparative Extraction Analysis

Crosslinker	Extractable silicone (AA, MIBK extractant)
SS4300c	4.8-5.1%
SL4320	2.1-2.5%
SL6020-D1	1.8-2.2%

SL6599 coating, SiH/Vi = 2.0, 42 lb. SCK liner, 1.5 sec. oven dwell @ 140 ° C web temperature

**Patent Status**

Standard copy to come

**Product Safety, Handling and Storage**

Exposure of this material to acids, bases or oxidizing materials can cause the generation of hydrogen gas. Please refer to the Material Safety Data Sheet for further information.

The warranty period is 12 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at temperatures between 5°C and 30°C (41°F and 86°F).

Standard copy to come

**Limitations**

Standard copy to come

**Contact Information**

Email

[commercial.services@momentive.com](mailto:commercial.services@momentive.com)

**Telephone**

<b>Americas</b>	<b>Latin America</b>	<b>EMEAI- Europe, Middle East, Africa &amp; India</b>	<b>ASIA PACIFIC</b>
+1 800 295 2392 Toll free*	<b>Brazil</b> +55 11 4534 9650	<b>Europe</b> +390510924300	<b>China</b> 800 820 0202
+704 805 6946 Direct Number	Direct Number	Direct number	Toll free +86 21 3860 4892 Direct number
*All American countries	<b>Mexico</b> +52 55 2169 7670 Direct Number	<b>India, Middle East &amp; Africa</b> + 91 44 71212207 Direct number*	<b>Japan</b> +81 3 5544 3111 Direct number
		<b>*All Middle Eastern countries, Africa, India,</b>	<b>Korea</b> +82 2 6201 4600

For literature and technical assistance, visit our website at: [www.momentive.com](http://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.