



## Technical Data Sheet

### SYL-OFF™ SL 600 Coating

Solvent-free silicone release polymer coating

#### Features & Benefits

- Solvent-free
- Fast curing
- Provides extremely stable release
- Excellent bath stability
- Low release force especially at high peel speeds
- Requires catalyst addition

#### Applications

- Release coating for pressure sensitive laminate/labelstock.
- Single and double-sided industrial release papers.
- Coatings for liners of technical adhesive tapes.
- Non-stick foodgrade packaging (see "Food Contact" for specific information).
- Non-stick packaging.

#### Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Form		Liquid
Chemical nature		Reactive siloxane polymer
Appearance		Clear liquid
Active ingredients	%	100
Density at 25°C (77°F)	g/cm <sup>3</sup>	0.97
Viscosity at 25°C (77°F)	mPa.s	350

#### Description

Recommendations about how to use and formulate this product with other SYL-OFF™ materials can be obtained from the technical service group.

#### How To Use

This SYL-OFF™ SL 600 Coating is one component of a multi-component silicone release coating system. In order to use this product effectively, it must be blended with the appropriate SYL-OFF™ release modifiers, catalysts and crosslinkers.

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SYL-OFF™ SL 600 Coating

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Handling Precautions	Direct contact with eyes and skin may cause slight irritation which can be relieved by flushing with water for 15 minutes. In the case of eye contact, seek medical attention. Rubber gloves and safety glasses should be worn when handling this product. Do not breathe spray or mist.
	PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT <a href="http://WWW.CONSUMER.DOW.COM">WWW.CONSUMER.DOW.COM</a> , OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.
Usable Life And Storage	SYL-OFF SL 600 Coating has a shelf life of 24 months from the date of production.
Packaging Information	Available in a variety of container sizes including bulk totes, drums and sample pails.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Food Contact Status	This product may comply with certain FDA, BGv, Kosher or other regulatory agency requirements for food-contact applications.
Health And Environmental Information	To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.  For further information, please see our website, <a href="http://www.consumer.dow.com">www.consumer.dow.com</a> or consult your local Dow representative.

<http://www.syloff.com>

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