



SYL-OFF™ SL 9106 Coating

FEATURES

- Solvent-free
- Fast cure
- Stable release
- Low release force values at low peel speed with a slightly inclining release profile at higher speeds
- Suitable for lamination with water based acrylic adhesives
- Formulated without platinum catalyst
- Suitable for use on “in-line” lamination processes and off-line siliconization
- Excellent mist reduction, minimizes mist at speeds up to 1300 m/min
- Designed for use with SYL-OFF™ SL 9176 Anchorage Additive

BENEFITS

When used with SYL-OFF SL 9176 Anchorage Additive:

- Excellent anchorage to a wide range of both primed and unprimed polyester films
- Excellent long-term anchorage

Solvent-free silicone release coating for polyester substrates

APPLICATIONS

- Release coating for filmic pressure sensitive laminate/labelstock
- Release coating for single and double-sided industrial polyester release films
- Release coating for liners of polyester technical adhesive tapes

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		Colorless liquid
Active ingredients	%	100
Density at 25°C (77°F)	g/cm ³	0.97
Viscosity at 25°C (77°F)	mPa.s	450

DESCRIPTION

SYL-OFF™ SL 9106 Coating is one component of a multi-component silicone release system designed for coating on polyester substrates.

HOW TO USE

To use this product effectively, it must be blended with the appropriate SYL-OFF™ release modifiers, catalysts and crosslinkers.

FORMULATION

The following formulations are recommended as a starting point:

Component	% by weight		
SYL-OFF SL™ 9106 Coating	92.27	92.08	93.06
SYL-OFF SL™ 9176 Anchorage Additive	2.0	2.0	1.5
SYL-OFF™ 7689 Crosslinker	3.42		
SYL-OFF™ 7028 Crosslinker		3.61	
SYL-OFF™ 7682-055			4.48
SYL-OFF™ 4000 Catalyst	2.31	2.31	0.96

More detailed information about the use of SYL-OFF SL 9106 Coating and other SYL-OFF™ materials can be obtained from the Technical Service group.

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. Suitable 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 WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

SYL-OFF SL 9106 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. Contact your local Customer Service Representative for information about container sizes available in your area.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

MEDICAL STATUS

This product may be suitable for medical applications without body/skin contact. Contact your local Customer Representative for more information.

FOOD CONTACT STATUS

This product may comply with certain FDA, BGvv, Kosher or other regulatory agency requirements for food-contact applications. Contact your local representative for current compliance information.

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, www.consumer.dow.com or consult your local representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in

substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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