



Technical Data Sheet

SYL-OFF™ SL 9104 Coating

Solvent-free silicone release coating for polyester substrates

Features & Benefits

- Solvent-free
- Excellent anchorage to a wide range of both primed and unprimed polyester films
- Excellent long-term anchorage
- Designed for "in-line" lamination processes using both water-based and hot-melt adhesives
- Excellent bath life at 40°C (104°F)
- Stable release
- Formulated without catalyst
- Fast cure

Composition

- Organofunctional siloxane

Applications

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

Typical Properties

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

Property	Unit	Result
Form		Liquid
Chemical Nature		Complex organofunctional siloxane
Appearance		Clear to hazy liquid
Active Ingredient	percent	100
Specific Gravity at 25°C (77°F)	g/cm ³	0.99
Viscosity at 25°C (77°F)	mPa·s	400
Flash Point, closed cup, minimum	°C (°F)	> 100 (> 212)

Description

SYL-OFF™ SL 9104 Coating is one component of a multi-component silicone release coating system designed for coating onto polyester substrates.

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SYL-OFF™ SL 9104 Coating

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

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

Formulation The following formulation is recommended as a starting point:

Component	Parts by Weight
SYL-OFF™ SL 9104 Coating	100
SYL-OFF™ SL 7689 Crosslinker	4.17
SYL-OFF™ 4000 Catalyst	2.4

More detailed information about the use of SYL-OFF SL 9104 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.

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

Usable Life And Storage When stored at or below 35°C (95°F), in the original unopened containers, this product has a usable life of 6 months from the date of manufacture.

Packaging Information This product is available in a variety of container sizes.

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

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 Dow representative.

<http://www.syloff.com>

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