



Technical Data Sheet

SYL-OFF™ SL 585 Coating

FEATURES & BENEFITS

- Flat Release
- Provides stable release
- Formulated with platinum catalyst for ease of handling
- Excellent mist reduction; minimizes mist at high line speeds
- Solventless
- Provides good anchorage to a wide variety of substrates

Solventless silicone release coating for flat release.

APPLICATIONS

- Release coating for pressure sensitive laminate, non stick packaging, and coatings for liners of technical adhesive tapes.
- Release coating for industrial release papers.
- Release coating for high speed die-cutting and label dispensing.

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 ingredient	%	100
Specific gravity at 25°C (77°F)	g/cm ³	0.98
Viscosity at 25°C (77°F)	cS	110

DESCRIPTION

SYL-OFF™ SL 585 Coating is one component of a multicomponent silicone release coating system.

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

HOW TO USE

In order to use this product effectively, it must be blended with the appropriate SYL-OFF™ release modifiers, catalysts and crosslinkers. It is recommended that the following formulations be used as a starting point for SYL-OFF SL 585 Coating.

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.

Component	Parts by weight		
SYL-OFF™ SL 585 Coating	89.49	89.49	92.68
SYL-OFF™ SL 11 Crosslinker	10.51		
SYL-OFF™ SL 12 Crosslinker		10.51	
SYL-OFF™ 7682-055 Crosslinker			7.32

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 24 months from the date of production.

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

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