



Technical Data Sheet

SYL-OFF™ SL 11 Crosslinker

Solvent-free silicone crosslinker

Features & Benefits

- Solvent-free
- Fast curing
- Crosslinker for use with Advantage Series
- Enables formulation at very low platinum catalyst levels

When used with SYL-OFF™ SL 400 Coating / SYL-OFF™ SL 800 Coating:

- Excellent anchorage to many paper substrates, including poly ethylene coated papers
- Capable of curing at web temperatures between 100 and 130°C, with adequate dwell times
- Low release force values at low peel speed with a slightly inclining release profile at higher speeds
- Suitable for lamination with water based acrylic and hot melt adhesives

When used with SYL-OFF™ SL 160 Coating / SYL-OFF™ SL 560 Coating or SYL-OFF™ SL 200 Coating / SYL-OFF™ SL 600 Coating:

- Good anchorage to many paper substrates
- Capable of curing at temperatures between 100 and 130°C, with adequate dwell times
- 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

Applications

- Release coating for pressure sensitive laminate/labelstock
- Single and double-sided industrial release papers
- Coatings for liners of technical adhesive tapes
- 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 colorless liquid

Typical Properties (Cont.)

Property	Unit	Result
Active ingredients	%	100
Density at 25°C (77°F)	g/cm ³	0.98
Viscosity at 25°C (77°F)	mPa.s	20

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 11 Crosslinker 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™ coatings, release modifiers, and catalysts.

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

Usable Life and Storage

SYL-OFF™ SL 11 Crosslinker has a shelf life of 24 months from the date of production. This product should be stored in an environment below 40°C (104°F).

Packaging Information

Available in a variety of container sizes including drums and 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 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, dow.com or consult your local Dow representative.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

dow.com

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