



Technical Data Sheet

SYL-OFF™ 7680-010 Polymer

Description

A solvent-free silicone release coating polymer.

Uses / 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
- Non-stick packaging

Features & Benefits

- Solvent-free
- Fast curing
- Premium release
- Low temperature cure performance possible
- Provides extremely stable release
- Formulated without catalyst

Physical Properties

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

Test	Unit	Result
Form		Liquid
Chemical nature		Complex organofunctional siloxane
Appearance		Clear liquid
Active ingredients	%	100
Specific gravity at 25°C (77°F)	g/cm ³	0.97
Viscosity at 25°C (77°F)	mPa.s	240

Processing and Application Guidelines

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

This SYL-OFF™ 7680-010 Polymer is one component of a multicomponent silicone release coating system. In order to use this product effectively, it must be blended with the appropriate SYL-OFF™ polymers, resins, catalysts and crosslinkers.

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

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, 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.

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