



SYL-OFF™ 7050 Coating

Base polymer component for SYL-OFF™ solventless, platinum-catalyzed silicone release system

Features & Benefits

- Solventless
- Non-migratory
- Does not interact with most adhesives, good stability against most acrylic adhesives
- Minimal post-cure
- Fast cure
- Premium (easy) release
- Lower temperature cure compared to vinyl release coating systems

Composition

- Hexenyl-functional, reactive siloxane polymer

Applications

- For use on paper and foil
- Release liners for pressure sensitive adhesive laminates and tapes
- One-sided or double-sided applications with differential release
- General industrial release papers

Typical Properties

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

Property	Unit	Result
Appearance		Clear colorless liquid
Active ingredient	%	100
Specific gravity at 25°C (77°F)	g/cm ³	0.97
Viscosity at 25°C (77°F) capillary	cPs	350
Flash point (closed cup)	°C	123.9

Description

SYL-OFF™ 7050 Coating is a 100% solids, medium viscosity, reactive siloxane polymer containing a platinum inhibitor. The coating cures by a thermally initiated addition reaction when a crosslinker and a platinum catalyst are added to the coating bath. Recommended for use against aggressive adhesives.

**Handling
Precautions**

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™ 7050 Coating has a shelf life of 360 days from date of manufacture when stored at < 30°C.

**Packaging
Information**

This product is available in 200 kg and 1000 kg containers.

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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