



Technical Data Sheet

SYL-OFF™ 7044 Coating

Base polymer component for SYL-OFF™ solventless, rhodium-catalyzed silicone release coatings

Features & Benefits

- Solventless
- Nonmigratory
- Does not interact with most adhesives; excellent acrylic stability
- Minimal post-cure
- Fast cure
- Long bath life
- Premium (easy) release
- Cured coating is tough, durable, moderately hard
- Relatively flat release profile across the peel speed range

Composition

- Liquid
- Precatalyzed, vinyl-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 to slight yellow haze
Active ingredient	%	100
Specific gravity at 25°C (77°F)		0.97
Viscosity at 25°C (77°F)	cp (mPa·s)	340 (340)
Flash Point, closed cup	°C (°F)	71 (159.8)

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SYL-OFF™ 7044 Coating

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Description	SYL-OFF™ 7044 Coating is a 100 percent solids, medium-viscosity, multifunctional reactive siloxane polymer containing a bath life extender and a rhodium catalyst. The coating cures by a thermally initiated addition reaction and is designed to be used with SYL-OFF™ 7048 Crosslinker and/or SYL-OFF™ 7678 Crosslinker.
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 WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.
Usable Life And Storage	SYL-OFF 7044 Coating has a shelf life of 24 months from date of manufacture. SYL-OFF 7044 Coating is sensitive to sunlight. The containers should not be exposed to direct sunlight for extended periods. This material should be stored in a warehouse suitable for combustible liquids. Containers of this product should be stored upright.
Packaging Information	Available in a variety of container sizes.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not suitable for use on temperature sensitive substrates. Shipping Limitation DOT classification: Combustible
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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