



Technical Data Sheet

SYL-OFF™ 7677 Release Coating

Base polymer for SYL-OFF™ solventless release coating system

Features & Benefits

- Provides very low release forces
- Solventless addition cure
- Non-migratory
- Does not interact with most adhesives, good stability against most acrylic adhesives
- Minimal post-cure
- Fast cure
- Premium (easy) release

Applications

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

Typical Properties

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

Property	Unit	Result
Form		Liquid
Chemical nature		Pre-catalyzed organofunctional siloxane
Appearance		Clear to slightly hazy
Active ingredient	%	100
Specific gravity at 25°C/15.6°C (77°F/60.08°F)	g/cm ³	0.97
Viscosity at 25°C (77°F)	mPa.s	580

Description

SYL-OFF™ 7677 Coating is a 100% active solids pre-catalysed, coating containing a medium viscosity hexenyl endblocked only functional silicone polymer. Recommended for use against aggressive adhesives where premium release performance is required.

Handling Precautions

Direct eye contact with this product may cause slight irritation which can be relieved by flushing with water for 15 minutes, followed by medical attention.

Safety glasses should be worn when handling this product.

Wash hands after handling this product, especially before eating, drinking or smoking.

Handling Precautions (Cont.)	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	When stored at or below 30°C (86°F) in the original unopened containers, this product has a usable life of 12 months from the date of production. The containers must not be exposed to direct sunlight for an extended period of time.
Packaging Information	This product is available in 200 kg and 1000 kg containers.
Food Contact	Certifications available upon request. For specific details, please contact Dow as regulations vary from country to country.
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.

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