



SYL-OFF™ 7362 Coating

Solvent based silicone release coating

Features & Benefits

- Long bath life with fast cure
- Low silicone migration
- Abrasion resistance with minimal rub-off
- General applicability for different substrates

Applications

- Paper liner for pressure sensitive adhesive lamination and wet coating
- Filmic liner for die-cutting/label stock/sealing tape
- Single and double-sided industrial release coating

Typical Properties

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

Property	Unit	Result
Type		Reactive siloxane polymer
Physical form		Solvent dispersion
Appearance		Clear to slightly hazy
Diluent		Toluene
Active ingredients	%	30
Specific gravity at 25°C (77°F)		0.89
Viscosity at 25°C (77°F)	cps	23,000

Description

SYL-OFF™ 7362 Coating is a platinum catalyzed type silicone release, which could provide stable release force and low silicone migration. In this product, the silicone is dispersed as a 30% silicone solid in toluene.

How to Use

This product must be blended with typical crosslinker SYL-OFF™ 7387 Crosslinker and the appropriate SYL-OFF™ catalysts and anchorage additives. The following is a typical formulation recommended on PET substrate:

Component	Parts by weight
SYL-OFF™ 7362 Coating	100
SYL-OFF™ 7387 Crosslinker	0.7
SYL-OFF™ 297 Anchorage Additive	0.3
SYL-OFF™ 4000 Catalyst	0.4–0.5
Toluene	500

- This product can be coated on different substrates, such as super calendered kraft, polyethylene coated kraft, clay coated kraft, glassines, polyester films, etc.
- Recommended cure condition is 140°C for 15–25 seconds.
- Gravure-roller/micro-gravure roller coating technic with suitable solvent are applicable in production line.
- This product must be diluted in toluene, heptane, MEK or mixed solvent with aliphatic solvent etc. The recommended bath solid content is from 3% to 12%.
- More detailed information can be obtained from the Local Technical Service Group.

Optional components include:

- SLY-OFF™ 7210 Release Modifier to provide tighter release
- SLY-OFF™ 7200 Low Release Force Additive to provide easier release

Bath Life

The life of the formulated bath varies considerably with bath concentration, the solvent, the specific formulation, and the temperature of the surroundings. Under normal bath condition at room temperature the bath should be used up within 5 hours. Bath life as measured by cure performance is also acceptable within 5 hours.

Food Contact Status

This product may comply with certain FDA, BGvV or other regulatory agency requirements for food-contact applications. Contact your local representative for current compliance information.

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™ 7362 Coating has a shelf life of 12 months from the date of production.

Packaging Information

Available in a variety of container sizes including bulk totes, drums and sample pails. Contact your local Customer Service Representative for information about container sizes available in your area.

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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