



SYL-OFF™ EM 7946 Coating

Water based, platinum-catalyzed silicone release coating

Features & Benefits

- Low and stable release force
- Lower silicone migration to adhesives
- Can be used with various adhesives

Composition

- 2 component system used with SYL-OFF™ Catalyst Emulsion : SYL-OFF™ 7924 Catalyst Emulsion, SYL-OFF™ 7975 Catalyst Emulsion, etc
- Can be diluted with water

Applications

- In-line release coating for film manufacturing process
- Release coating for pressure sensitive laminate/labelstock
- Casting papers and nonstick packaging

Typical Properties

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

Property	Unit	Result
Appearance		Milky white
Active ingredients	%	40
Form		Aqueous emulsion
pH		5.0
Specific gravity		0.99
Flash point, closed cup, minimum	°C (°F)	> 100 (> 212)

How to Use

The following formulation is recommended as a starting point for SYL-OFF™ 7946 Emulsion Coating:

Component	Parts by Weight
SYL-OFF™ 7946 Emulsion Coating	22.5
SYL-OFF™ 7924 Catalyst Emulsion	2.5
Water	75.0
Total	100.0

How to Use (Cont.)	More detailed information about the use of the SYL-OFF™ products can be obtained from the technical service group.
Handling Precautions	<p>SYL-OFF™ 7946 Emulsion Coating evolves hydrogen gas slowly with time. The gas evolution rate can be increased when the material is catalyzed or when contaminated with bases, heavy metals, or their compounds.</p> <p>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.</p>
Usable Life and Storage	When stored at 5~30°C in the original unopened containers, this product has a usable life of 12 months from the date of production.
Packaging Information	This product is available in 20 kg and 200 kg containers.
Shipping Limitations	In subzero (< 0°C [32°F]) climates, this product should be shipped in heated transportation. Air transportation is not permitted.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Health and Environmental Information	<p>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.</p> <p>For further information, please see our website, dow.com or consult your local Dow representative.</p>
Disposal Considerations	<p>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.</p> <p>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.</p>
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

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