



Technical Data Sheet

SYL-OFF™ EM-7951 Coating

Base component for SYL-OFF™ emulsion, platinum-catalyzed silicone release coatings

Features & Benefits

- Excellent food release and water repellency
- Multi-purpose release properties

Composition

- Water-based release coating system
- Platinum thermal cure system

Applications

- Food release
- Industrial release

Typical Properties

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

Property	Unit	Result
Form		Aqueous emulsion
Chemical Nature		Reactive siloxane polymer
Appearance		Milky white liquid
Active Ingredient	%	40
Specific Gravity at 25°C (77°F)	g/cm ³	0.99
pH		5.0
Flash Point, Closed Cup, Minimum	°C (°F)	> 100 (> 212)

Description

SYL-OFF™ EM-7951 Coating is one component of a multicomponent silicone release coating system. It is designed to be blended with SYL-OFF™ EM Catalyst Emulsion.

How to Use

The following formulation is recommended as a starting point for SYL-OFF™ EM-7951 Coating:

Component	Parts by Weight
SYL-OFF™ EM-7951 Coating	23.75
SYL-OFF™ EM 7975 Catalyst Emulsion	1.25
Water	75.0
Total	100.0

More detailed information about the use of this SYL-OFF™ product and other SYL-OFF™ products can be obtained from the technical Service group.

Food Status

Certifications available upon request. For specific details, please contact Dow as regulations vary from country to country.

Handling Precautions

SYL-OFF™ EM-7951 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.

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.

Packaging Information

This product is available in 1000 kg containers.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Shipping Limitations

In subzero (< 0°C [32°F]) climates, this product should be shipped in heated transportation. Air transportation is not permitted.

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.

dow.com

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