



Technical Data Sheet

SYL-OFF™ EM 7975 Catalyst Emulsion

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

Features & Benefits

- Fast cure at low concentration
- Flexible mix ratio with emulsion coating

Composition

- Concentrated platinum catalyst emulsion thermal cure system
- Water-based release coating system

Applications

- Release liners for pressure sensitive 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 7975 Catalyst Emulsion is one component of a multicomponent silicone release coating system. It is designed to be blended with SYL-OFF™ EM Emulsion Coating.

How to Use

The following formulation is recommended as a starting point:

Component	Parts by Weight
SYL-OFF™ 7990 Emulsion Coating	23.5
SYL-OFF™ EM 7975 Catalyst Emulsion	1.5
Water	75.0
Total	100.0

Other SYL-OFF™ EM Emulsion Coating products can be used upon application. More detailed information about the use of the 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

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 20 kg, 200 kg and 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

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