



Technical Data Sheet

SYL-OFF™ EM-1171A Catalyst Emulsion

FEATURES & BENEFITS

- Fast cure

COMPOSITION

- Organotin complex

Catalyst for SYL-OFF™ tin catalyzed silicone emulsion release coatings

APPLICATIONS

- Catalyst for SYL-OFF tin-catalyzed silicone emulsion release coatings

TYPICAL PROPERTIES

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

Test	Unit	Result
Physical Form		Aqueous emulsion
Color		Milky white
Active Ingredient	%	50
Specific Gravity at 25°C (77°F)		1.0
pH		5.5
Flash Point, closed cup, minimum	°C (°F)	None

DESCRIPTION

SYL-OFF™ EM-1171A Catalyst Emulsion is a 50 percent solids aqueous emulsion of an organotin catalyst.

FOOD STATUS

SYL-OFF EM-1171A Catalyst Emulsion is not permitted for use in food contact applications.

HOW TO USE

Good cure of SYL-OFF emulsion tin catalyzed silicone release coatings can be achieved with coating: catalyst ratios ranging from 10:1 to 20:1, based on silicone solids.

The catalyst should be diluted with at least an equal weight of water prior to its addition to the coating bath.

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 WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

SYL-OFF EM-1171A Catalyst Emulsion has a shelf life of 12 months from date of manufacture when stored in original, unopened containers between 10 and 49°C (50 and 120.2°F). Refer to product packaging for "Use By" date. DO NOT FREEZE. Storage at temperatures below 10°C (50°F) will adversely affect product performance.

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, www.consumer.dow.com or consult your local Dow representative.

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