

Dow Corning News

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Dow Corning Expands Broad, Innovative Portfolio with New Silicone Emulsion for In-line Coating of Bakery Release Papers

Cartagena, Colombia – Dow Corning, a global leader in silicones, silicon-based technology and innovation, today introduced here at Label Summit Latin America 2016 (Stand #36) *Syl-Off*[®] EM 7978 Coating, the latest addition to its broad and growing portfolio of high-performance release coatings for food packaging and processing applications. The new emulsion is formulated for coating papers used in commercial and consumer baking and cooking and leverages advanced silicone technology for easy, clean release performance and outstanding water repellency at low coating weights down to 0.20 g/m². Dow Corning’s expanding family of silicone emulsion coatings for in-line and off-line paper processing was designed to meet growing food industry demand for greater cost reductions, productivity and sustainability.

“Dow Corning’s new *Syl-Off* EM 7978 Coating and our other food-release silicone technologies are built on continuous innovation to help our customers succeed in a fiercely competitive industry,” said Kris Verschueren, global segment manager for Packaging, Dow Corning. “They know they can count on our products to deliver consistent, proven performance and value-added benefits that help optimize paper processing, control costs and increase productivity.”

Targeting Key Market Trends

Dow Corning's *Syl-Off* EM 7978 Coating technology can enable release paper manufacturers to take advantage of several global trends, including:

- **Growth in the fast food market** – *Syl-Off* EM 7978 Coating provides premium-release and water repellency performance for bakery and food release papers, a high-growth market opportunity.
- **Cost efficiencies** – To support cost reduction, *Syl-Off* EM 7978 Coating is effective at thinner coating weights and uses low platinum catalyst levels.
- **Processing improvements** – In processing, *Syl-Off* EM 7978 Coating reduces dust creation to minimize line interruptions for cleaning.
- **Sustainability initiatives** – From an environmental perspective, *Syl-Off* EM 7978 Coating contributes to energy conservation by using in-line coating, which avoids the need to power separate equipment and processes.

Enhancing a Broad Offering

New Syl-Off EM 7978 Coating is part of Dow Corning's extensive product line-up for food release applications. Other highlights include: *Syl-Off*[®] EM 7990 Coating, delivering fast cure and low catalyst levels; *Syl-Off*[®] EM 7950 Coating for multipurpose food release; and *Syl-Off*[®] EM 7920 Coating for multipurpose food release and long bath life. All three are designed for off-line coating operations.

All Dow Corning silicone emulsions for food release comply with European food contact regulations (BfR recommendation XXXVI, Paper and board for food contact and BfR recommendation XXXVI/2, Paper and Paperboard for Baking Purposes.) They meet U.S. Food and Drug Administration (FDA) requirements for food contact (21 CFR Section 176.70, Components of paper and paperboard in contact with aqueous and fatty foods, and 21 CFR Section 176.180, Components of paper and paperboard in contact with dry foods.) Also, they comply with kosher guidelines.

Dow Corning's *Syl-Off* EM 7978 Coating and its broader portfolio of silicone-based technologies are commercially available globally.

Label Summit Latin America 2016 takes place April 26-27 at the Hotel Las Americas Convention Center in Cartagena, Colombia.

For more on Dow Corning's innovative range of *Syl-Off*[®] Emulsion Release Coatings for baking and cooking applications click [here](#).

About Dow Corning

Dow Corning (dowcorning.com) provides performance-enhancing solutions to serve the diverse needs of more than 25,000 customers worldwide. A global leader in silicones, silicon-based technology and innovation, Dow Corning offers more than 7,000 products and services via the company's *Dow Corning*[®] and *XIAMETER*[®] brands. Dow Corning is equally owned by The Dow Chemical Company and Corning, Incorporated. More than half of Dow Corning's annual sales are outside the United States. Dow Corning's global operations adhere to the [American Chemistry Council's Responsible Care[®] initiative](#), a stringent set of standards designed to advance the safe and secure management of chemical products and processes.

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PHOTO: Baking Paper Coated with Dow Corning's *Syl-Off*[®] EM 7978 Coating

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