



Technical Data Sheet

DOWSIL™ SH 7024 Emulsion **DOWSIL™ SM 7025 EX Emulsion**

Emulsion type release agents for food packaging containers

Features & Benefits

- Listed in Positive List of JHOSPA (Japan Hygienic Olefin and Styrene Plastics Association)
- Release agent for several kinds of plastics and rubbers
- Ease to use because of their water solubility

Composition

- Emulsion of polydimethylsiloxane

Applications

- Release agent for several kinds of plastics and rubbers
- Release agents for food packaging container because they are listed in Positive List of JHOSPA (Japan Hygienic Olefin and Styrene Plastics Association)

Typical Properties

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

Product Name	Property	Unit	Result
DOWSIL™ SH 7024 Emulsion	Appearance		Milky white liquid
	Non Volatile Content	%	40
	Emulsifier Type		Nonionic/anionic
DOWSIL™ SM 7025 EX Emulsion	Appearance		Milky white liquid
	Non Volatile Content	%	34
	Emulsifier Type		Nonionic/anionic

Description

DOWSIL™ SH 7024 Emulsion and DOWSIL™ SM 7025 EX Emulsion are emulsion type release agents whose base oils are polydimethylsiloxane.

They can be used for release agents for food packaging container because they are listed in Positive List of JHOSPA (Japan Hygienic Olefin and Styrene Plastics Association).

How to Use

These emulsion products can be diluted with water to adjust concentration. Shows good release performance at 1% to 5% of active content.

In case of coating to mold, please remove oils, carbides, and any other foulings which may negatively affect to release layer on the mold beforehand.

Please coat it uniformly by spray, brush coating, dipping, and so on.

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

Packaging Information

DOWSIL™ SH 7024 Emulsion: 18 kg pails and 180 kg drums.

DOWSIL™ SM 7025 EX Emulsion: 18 kg pails and 200 kg drums.

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

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