



## Technical Data Sheet

# DOWSIL™ 1-9770 Release Additive

## FEATURES & BENEFITS

- Can be used in combination with silicone modified polyester or silicone resins to enhance release properties of cured clear or pigmented coatings.
- Meets FDA provision 21 CFR 175.300 for repeated food contact.

## COMPOSITION

- Reactive silicone fluid

Additive for coating application

## APPLICATIONS

- DOWSIL™ 1-9770 release additive is a high-viscosity, reactive silicone fluid.
- When combined with resin and cured, DOWSIL 1-9770 Release Additive can be used in food contact applications.

## TYPICAL PROPERTIES

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

CTM <sup>1</sup>	Property	Unit	Result
0004	Viscosity at 25°C(77°F)	mm <sup>2</sup> /s	11,000–14,000

<sup>1</sup>CTM: Corporate Test Method, copies of CTM's are available on request.

## HOW TO USE

DOWSIL 1-9770 release additive is used in combination with silicone modified polyester or silicone resins to enhance release properties of cured clear or pigmented coatings.

The optimum level of addition should be determined for each application by the user. Typical concentrations of 0.1 to 5.0 percent by weight based on silicone resin solids, is normally suitable for most applications.

**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**  
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## PACKAGING

### INFORMATION

This product is available in 200 kg drums and standard samples of 453 g are available for evaluation.

## 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.

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