

# Product Information

## Release Coating

# *Dow Corning*<sup>®</sup> 347G Emulsion

## FEATURES

- Concentrated emulsion of hydroxylendblocked PDMS fluid
- Highly surface active to provide good release, lubricity, water repellency and gloss
- Reactive chemical sites on PDMS can be reacted with various substrates
- Crosslinking agents and catalysts can be used to achieve a more resinous coating
- Contains rust inhibitor to resist rusting in the concentrated form
- Alkyl phenol ethoxylate (APEO) free

## Aqueous emulsion of polydimethylsiloxane

### APPLICATIONS

- Mould release agent in a wide variety of industrial and specialty chemical applications, applied in low concentration by spraying, dipping, brushing or wiping mould surfaces
- As an ingredient in automotive appearance formulations

### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

CTM	Test	Unit	Value
0176	Appearance		Milky white
0862	Active material content	% w/w	60
0001	Specific Gravity at 25°C /15.6 C	g/ml	0.99
0007	pH		6-8.5
	Emulsifier type		Non-ionic
	Diluent		Water

### HOW TO USE

Diluted with water and applied by spraying or dipping, *Dow Corning*<sup>®</sup> 347G emulsion leaves a thin but highly effective silicone release film on mould surfaces. In most cases, this heat-stable film does not carbonize at temperatures which quickly destroy organic mould release agents: does not cause build-up on the moulds' nor does it discolor rubber or plastic parts.

### HANDLING PRECAUTIONS

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the Dow Corning website at [www.dowcorning.com](http://www.dowcorning.com). You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

## **PACKAGING**

This product is available in 500 ml samples, 20kg pails, 200kg drums and 1000kg containers.

## **USABLE LIFE AND STORAGE**

*Dow Corning*<sup>®</sup> 347G Emulsion will freeze, but can be reconstituted by thawing. To prevent freezing, store above 5 C.

When stored between 5 – 35 deg C in the original unopened containers, this product has a usable life of 18 months from the date of production

## **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 Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [www.dowcorning.com](http://www.dowcorning.com) or consult your local Dow Corning representative.

## **LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY**

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