Dow Corning® 347 Emulsion

**DESCRIPTION**

*Dow Corning®* 347 Emulsion is a concentrated emulsion of hydroxy end-blocked dimethyl silicone fluid. A stable, water-dilutable nonionic polydimethylsiloxane, *Dow Corning* 347 Emulsion is highly surface active to provide good release, lubricity, water repellency and gloss in numerous industrial and specialty chemical applications.

Diluted with water and applied by spraying or dipping, *Dow Corning* 347 Emulsion leaves a thin but highly effective silicone release film on mold surfaces. In most cases, this heat-stable film does not carbonize at temperatures which quickly destroy organic mold release agents, does not build up on molds, and does not discolor rubber or plastic parts.

*Dow Corning* 347 Emulsion has demonstrated exceptional stability. A small amount of rust inhibitor is formulated into *Dow Corning* 347 Emulsion to resist rusting in the concentrated form.

Because of the reactive chemical sites on the polydimethylsiloxane, *Dow Corning* 347 Emulsion can be reacted with various substrates. Cross-linking agents and catalysts can be used to obtain a more resinous coating.

**HOW TO USE**

**Application**

*Dow Corning* 347 Emulsion is diluted with water and applied by either spraying or dipping.

**FEATURES**

- Good release, lubricity, water repellency and gloss
- Water dilutable
- Highly stable

**BENEFITS**

- Easy to use

**COMPOSITION**

- Water-dilutable, hydroxy-terminated polydimethylsiloxane
- Milky-white emulsion

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>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.</th>
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<tbody>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Viscosity¹, cp</td>
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<tr>
<td>Silicone Content, percent</td>
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<tr>
<td>Specific Gravity at 25°C (77°F)</td>
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<tr>
<td>pH</td>
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<tr>
<td>Suitable Diluent</td>
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<td>Emulsion Type</td>
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¹Brookfield viscometer at 60 rpm.
HANDLING PRECAUTIONS
PRODUCT SAFETY
INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED.
BEFORE HANDLING, READ PRODUCT AND MATERIAL
SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE
USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE
MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM
YOUR DOW CORNING REPRESENTATIVE, OR
DISTRIBUTOR, OR BY WRITING TO DOW CORNING CUSTOMER
SERVICE, OR BY CALLING (517) 496-6000.

USABLE LIFE AND
STORAGE
When stored at or below 32°C (90°F),
Dow Corning 347 Emulsion has a
shelf life of 18 months from date of
production.

PACKAGING
This product is supplied in 440-lb
(200-kg) containers, net weight.

LIMITATIONS
This product is neither tested nor
represented as suitable for medical or
pharmaceutical uses.

Shipping Limitations
None

HEALTH AND
ENVIRONMENTAL
INFORMATION
To support customers in their product
safety needs, Dow Corning has an
extensive Product Stewardship
organization and a team of Health,
Environment and Regulatory Affairs
specialists available in each area.

For further information, please consult
your local Dow Corning representative.

LIMITED WARRANTY –
PLEASE READ CAREFULLY
The information contained herein is
offered in good faith and is believed
to be accurate. However, because
conditions and methods of use of our
products are beyond our control, this
information should not be used in
substitution for customer’s tests to
ensure that Dow Corning’s products
are safe, effective, and fully
satisfactory for the intended end use.

Dow Corning’s sole warranty is
that the product will meet the
Dow Corning sales specifications in
effect at the time of shipment. Your
exclusive remedy for breach of such
warranty is limited to refund of
purchase price or replacement of any
product shown to be other than as
warranted. Dow Corning specifically
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warranty of fitness for a particular
purpose or merchantability. Unless
Dow Corning provides you with a
specific, duly signed endorsement of
fitness for use, Dow Corning
disclaims liability for any incidental
or consequential damages.
Suggestions of use shall not be taken
as inducements to infringe any patent.