



Technical Data Sheet

DOWSIL™ Q2-7523 Emulsion

FEATURES & BENEFITS

- Reactive Methylhydrogen Siloxane Emulsion
- Easy to Use

COMPOSITION

- Methylhydrogen Siloxane Emulsion

Water-dilutable reactive methylhydrogen siloxane emulsion

APPLICATIONS

- For industrial applications such as an additive for tire manufacturing.

TYPICAL PROPERTIES

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

CTM*	Unit	Value
Appearance		Milky white
Non-Volatile Content	percent	36 - 40
pH		3.2 - 4.5

CTM: Corporate Test Method, copies of CTM's are available on request.

DESCRIPTION

DOWSIL™ Q2-7523 Emulsion is a reactive, methylhydrogen siloxane emulsion.

The emulsion form of the DOWSIL Q2-7523 Emulsion allows the user to easily dilute to the desired use level with just water.

HOW TO USE

DOWSIL Q2-7523 Emulsion is readily diluted with water. Dilution water should be slowly added to the emulsion with adequate mixing. It is recommended that the user consider the potential consequences of modifying the pH during use. As supplied, Dow SiH emulsions are formulated to a pH 3 to 5. Diluted solutions also should be maintained at a pH of 3 to 5.

Additional information on dilution and on pH is available from your representative.

If a catalyst is used, dilute the catalyst in water and then add to the previously diluted silicone emulsion for optimum

stability. Additional information on the use of a catalyst is available from your representative.

HANDLING PRECAUTIONS

DOWSIL Q2-7523 Emulsion evolves hydrogen gas. When used with a catalyst such as DOWSIL™ 62 Catalyst, or in the presence of bases, heavy metals or their compounds, the rate of hydrogen evolution increases. Do not store DOWSIL Q2-7523 Emulsion as received in unvented containers. And do not store catalyzed and/or diluted DOWSIL Q2-7523 Emulsion in unvented containers. Keep sparks and open flames away from catalyzed emulsion and adequately ventilate areas where it is used. Avoid contact with skin and eyes.

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

USABLE LIFE AND STORAGE

When stored below 32°C (90°F) in its original unopened container, DOWSIL Q2-7523 Emulsion has a shelf life of 12 months from date of manufacture. Do not store at temperatures above 38°C (100°F). When stored between 5°C (41°F) and 30°C (86°F) in closed but vented containers, this product has a usable life of 12 months from the date of manufacture.

PACKAGING INFORMATION

DOWSIL Q2-7523 Emulsion is available in 20, 200, and 1000 KG containers. DOWSIL Q2-7523 Emulsion is also available in 500 g samples.

CAUTION: Containers will have product residues when emptied. When disposing of the container, follow handling precautions recommended for this product. Containers are not intended for reuse.

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

LIMITED WARRANTY INFORMATION – 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 our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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DOWSIL™ Q2-7523 Emulsion

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