



## Technical Data Sheet

### DOWSIL™ SZ-580 Fluid

Silicone additive for flexible slab stock polyurethane foam

#### Features & Benefits

- Non-hydrolyzable type
- Useful for low density foam

#### Applications

- DOWSIL™ SZ-580 Fluid is a non-hydrolyzable silicone additive for Flexible Slab Stock polyurethane foam.

#### Typical Properties

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

Property	Unit	Result
Appearance		Amber liquid
Color (Gardner)		1
Viscosity (25C)	mm <sup>2</sup> /s	1,020

#### Description

Avoid contamination with additives for HR molded foam. DOWSIL SZ-580 Fluid gives the foam close cell structure in HR foam and rise crack and shrinking. At the same time, additives for HR foam are a cell opener in slab foam and cause defoaming and foam collapse.

#### How To Use

DOWSIL SZ-580 Fluid is recommended for preparing flexible slab stock PU foam. A use level of 1 part DOWSIL SZ-580 Fluid per 100 parts polyol is suggested. The optimum additive loading should be defined for the particular foam formulation.

#### 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 [WWW.CONSUMER.DOW.COM](http://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 at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 24 months from the date of production.

UNRESTRICTED – May be shared with anyone

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

DOWSIL™ SZ-580 Fluid

© 2017 The Dow Chemical Company. All rights reserved.

Packaging	<p>This product is available in 210 kg drum, 18 kg can and 1 kg can.</p> <p>Samples are available in 1 kg can.</p>
Limitations	<p>This product is neither tested nor represented as suitable for medical or pharmaceutical uses.</p>
Health And Environmental Information	<p>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.</p> <p>For further information, please see our website, <a href="http://www.consumer.dow.com">www.consumer.dow.com</a> or consult your local Dow representative.</p>

<http://www.consumer.dow.com>

**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.

Dow's sole warranty is that our products will meet the 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.

**TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.**

**DOW DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

