



## Technical Data Sheet

### DOWSIL™ R41 Cleaner Plus

DOWSIL™ R41 Cleaner Plus is a specially formulated solvent containing a special Dow catalyst substance designed to clean and additionally prepare a large variety of substrates for the bonding with Dow sealants.

#### FEATURES

- Cleaning solvent
- Containing special catalyst for adhesion preparation
- Easy to apply
- Ready to use

#### BENEFITS

- Cleaning and surface preparation in one step
- Improved security due to surface activation

#### APPLICATIONS

- Cleaning and preparation of the most common surfaces such as glass, metal profiles, plastics and other non-porous substrates.

#### TYPICAL PROPERTIES

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

Test	Unit	Results
Color		Colorless
Specific Gravity at 23°C		0.79
Viscosity at 23°C	cSt	2.65
Flashpoint – closed cup	°C	12
Usable life	Months	18

#### DESCRIPTION

DOWSIL R41 Cleaner Plus is more than a basic cleaner. It contains already a small amount of special catalyst which helps improving the adhesion build-up during the bonding application. Further it reduces potential adhesion issues that may come from substrate variations and give you more security in your application.

#### HOW TO USE

Good surface preparation is the precondition for durable bonding applications. Therefore we recommend to use DOWSIL R41 Cleaner Plus according the following 2-cloth cleaning method:

1. Thoroughly clean all surfaces by brushing away any loose materials.
2. Pour a small quantity of cleaning solvent into a buffer container. Do not apply solvent from the original container.
3. Wipe the joint surfaces with sufficient force to remove dirt and contaminants.

4. Visually inspect the cloth to determine if contaminant were effectively removed. If the cloth remains dirty, repeat step 3 with a new cloth until this cloth remains white and/or clean.
5. Allow the cleaner to dry until all the solvent evaporates. This typically takes 5 to 30 minutes depending on room temperature and humidity.
6. Apply silicone sealant from Dow latest 4 hours after the cleaning operation.

DOWSIL R41 Cleaner Plus is not recommended for use in combination with other primers such as DOWSIL™ 1200 OS Primer or DOWSIL™ Primer-C. It is developed to be used in applications where only cleaning is required. However, when compared with a normal cleaner, DOWSIL R41 Cleaner Plus can help to improve the adhesion build-

up during the curing process following silicone application.

For special applications, please contact your local representative.

## **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**

Containers should be kept tightly sealed when not in use. This material must be stored in a warehouse suitable for flammable materials.

When stored between 5°C and 30°C in the original unopened containers, this product has a usable life of 18 months from the date of production.

## **PACKAGING INFORMATION**

DOWSIL R41 Cleaner Plus is available in standard industrial container sizes.

## **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](http://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™ R41 Cleaner Plus

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