



Technical Data Sheet

DOWSIL™ DS-2025 Silicone Cleaning Solvent

FEATURES

- Rapid digestion of cured silicone
- Leaves silicone free surface
- Non-flammable
- High flash point
- Does not contain aromatic solvent
- Non-halogenated solvent
- Low viscosity
- Multiple use and recyclable.

Silicone cleaning solvent containing depolymerisation catalyst

APPLICATIONS

DOWSIL™ DS-2025 Silicone Cleaning Solvent is a liquid used to clean surfaces, equipment, and manufacturing units contaminated with substantive cured silicone residues. DOWSIL DS-2025 Silicone Cleaning Solvent has been specifically developed to digest silicone deposits through depolymerisation and dissolution, leaving a silicone free surface.

TYPICAL PROPERTIES

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

Test ¹	Property	Unit	Result
	Appearance		Light brown liquid
	Odor		Slight solvent odor
CTM 1100G	Specific Gravity		0.85
ISO 104/3105	Viscosity (20C)	cPs	< 10
ASTM D93	Flash point (closed cup method)	°C	> 90
	Usable life	Months	60

1. ASTM: American Society for Testing and Materials
CTM: Corporate Test Method
ISO: International Standardization Organization

DESCRIPTION

DOWSIL DS-2025 Silicone Cleaning Solvent is a hydrocarbon based solvent containing a silicone catalytic depolymerisation catalyst.

MAIN USES

DOWSIL DS-2025 Silicone Cleaning Solvent is used to remove cured or uncured silicone residues from surfaces, tools, process equipment, manufacturing units, etc. Use of DOWSIL DS-2025 Silicone Cleaning Solvent is best followed by using DOWSIL™ DS-1000 Aqueous silicone cleaner.

HOW TO USE

DOWSIL DS-2025 Silicone Cleaning Solvent works in the absence of water; a maximum of 0.5% water by weight is tolerated. Proper drainage of water must be conducted before use. DOWSIL DS-2025 Silicone Cleaning Solvent works best in its pure form and by direct and continuous contact with substrate, either by immersing the equipment to be cleaned or filling the tanks and operating a recirculation. Spraying is not recommended. Mild agitation will decrease the application time. Typical contact time for a clean result is < 1hour to max 4 hours at RT.

HOW TO USE

After cleaning, drainage, and collection of used DOWSIL DS-2025 Silicone Cleaning Solvent, it is recommended to follow a degreasing finishing step using DOWSIL DS-1000 Aqueous Silicone Cleaner and/or sanitization as appropriate. DOWSIL DS-2025 Silicone Cleaning Solvent can solubilise up to 400g of silicone per liter, so multiple uses are possible before material is saturated with silicone.

EQUIPMENT

It is recommended that the equipment manufacturers be consulted prior to using the cleaning solvent. P.T.F.E. lined hoses and VITON seals should be used in equipment that will be purged with DOWSIL DS-2025 Silicone Cleaning Solvent. Under no circumstances should polyamide- (i.e. nylon) based products be used in contact with the cleaning solvent. DOWSIL DS-2025 Silicone Cleaning Solvent is a corrosive product, but has been found to be compatible with metallic parts used in meter/mix equipment pumps. In case of doubt, contact either the machine supplier or your nearest technical service representative for advice on the use of the product in combination with the equipment.

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, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

When stored in a cool and dry place in the original unopened containers, this product has a usable life of 60 months from the date of production.

Containers should be kept tightly sealed when not in use. The cleaning solvent is de-activated upon contact with water or atmospheric moisture, and prolonged exposure will reduce or destroy its effectiveness.

PACKAGING INFORMATION

This product is available in 1000 liter IBC, 200 liter drums and 0.5 liter sample bottle.

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

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