



Consumer Solutions

Cleaning Solutions for Cured and Uncured Silicone

Industrial Cleaning Expertise from Dow

Reduce the Risk of Contamination and Improve Industrial Hygiene

If you use large amounts of silicone in your products or manufacturing processes, routinely cleaning your equipment and surfaces with an effective silicone cleaner can help you safeguard product quality and performance.

Good cleaning practices help you reduce the risk of microbial or chemical contamination in finished products as well as the risk of buildup-related equipment failures. Effective cleaning also contributes to good industrial hygiene and worker safety.

Proven Solutions for Silicone Removal

With these proven, nonflammable cleaning solutions from Dow, you can effectively remove both cured and uncured silicone from your tools, kettles, bottling lines, pipes and manufacturing equipment, as well as from floors and other surfaces. They are suitable for use in a wide range of chemical manufacturing applications where silicone is used either as an ingredient or as a process aid.



Product Advantages

DOWSIL™ DS-2025

Silicone Cleaning Solvent:

- Rapidly depolymerizes and dissolves cured silicone
- Reusable
- Does not contain aromatic or halogenated solvent

DOWSIL™ DS-1000

Aqueous Silicone Cleaner:

- Effectively emulsifies silicone oils, greases and uncured silicone elastomers
- Effective degreaser in a wide range of manufacturing or processing applications
- Complies with EU detergent regulation on biodegradability of surfactants

Remove cured silicone with DOWSIL™ DS-2025 Silicone Cleaning Solvent. Many traditional solvents simply swell cured silicone; they do not actually dissolve it, making the cured silicone difficult to remove. DOWSIL™ DS-2025 Silicone Cleaning Solvent, on the other hand, rapidly digests and dissolves even completely cured silicone. Plus, the product can be reused multiple times, enhancing its cost-effectiveness.

Remove silicone oils, greases and uncured elastomers with DOWSIL™ DS-1000 Aqueous Silicone Cleaner. An aqueous surfactant blend designed for the removal of uncured silicone materials, DOWSIL™ DS-1000 Aqueous Silicone Cleaner is an effective degreaser in a wide range of applications.

Recommendations for Usage

It is recommended that the equipment manufacturer be consulted prior to using the cleaning solvent. PTFE-lined hoses and Viton seals should be used in equipment that will be purged with DOWSIL™ DS-2025 Silicone Cleaning Solvent. Gaskets, seals, joints, pipes or other plant equipment made out of nylon, butyl rubber, PU or silicones will be impacted and should not be used. DOWSIL™ DS-2025 Silicone Cleaning Solvent is a corrosive product, but it has been found to be compatible with metallic parts used in meter/mix equipment pumps. When in doubt, contact either the machine supplier or your nearest Dow technical service representative for advice on the use of the product in combination with the equipment.

The pictures below show the removal of an extremely high-viscosity silicone film from a steel plate by dipping into neat DOWSIL™ DS-2025 Silicone Cleaning Solvent at room temperature.



Before cleaning



After 3 hours



After 5 hours

Materials, Choices, Expertise and Support Available Worldwide

Dow is a world leader in silicones, silicon-based technology and innovation. We work closely with our customers to seek innovative solutions that can help them improve their operations and differentiate their products.

For More Information

To request product samples, discuss your silicone cleaning needs with a Dow expert, or obtain contact information for your local Dow sales or technical representative or distributor, visit consumer.dow.com.

Image: dow_44737718778

HANDLING PRECAUTIONS

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