



Cleaning Solutions for Cured and Uncured Silicone

Industrial Cleaning Expertise from Dow Corning

The pictures below show the removal of an extremely high-viscosity silicone film from a steel plate by dipping into neat *Dow Corning*[®] DS-2025 Silicone Cleaning Solvent at room temperature.



Before cleaning



After 3 hours



After 5 hours

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.

Product Advantages

***Dow Corning*[®] DS-2025 Silicone Cleaning Solvent:**

- Rapidly depolymerizes and dissolves ***cured silicone***
- Reusable
- Does not contain aromatic or halogenated solvent
- Compatible with most construction materials

***Dow Corning*[®] 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

Proven Solutions for Silicone Removal

With these proven, nonflammable cleaning solutions from Dow Corning, 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.

Remove cured silicone with *Dow Corning*[®] 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. *Dow Corning* 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.

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Remove silicone oils, greases and uncured elastomers with *Dow Corning*[®] DS-1000 Aqueous Silicone Cleaner. An aqueous surfactant blend designed for the removal of uncured silicone materials, *Dow Corning* 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 *Dow Corning* 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. *Dow Corning* 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 Corning technical service representative for advice on the use of the product in combination with the equipment.

Materials, Choices, Expertise and Support Available Worldwide

Dow Corning Corporation is a world leader in silicones, silicon-based technology and innovation, providing more than 7,000 performance-enhancing solutions to more than 25,000 customers worldwide. We work closely with our customers to seek innovative solutions that can help them improve their operations and differentiate their products.

Our Performance Chemicals group offers silicone-based solutions, including raw materials, release agents, antifoams and surfactants, to a wide range of industries, including chemical and general manufacturing, oil and gas, agrochemical, auto care, and household care.

For More Information

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

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