

Dow Corning® Cleaner and Surface Prep Solvent

1. PRODUCT NAME

Dow Corning® Cleaner and Surface Prep Solvent

2. MANUFACTURER

Dow Corning Corporation
 Midland, MI 48686-0994
 Phone: (517) 496-6000
 FAX: (517) 496-4586

3. DESCRIPTION

Dow Corning Cleaner and Surface Prep Solvent is a volatile methylsiloxane (VMS) fluid developed specifically for use as a cleaning agent. Dow Corning Cleaner and Surface Prep Solvent is safe for use on a wide range of materials. Its mild cleaning action also makes it suitable for cleaning multimaterial components and devices.

Environmental Benefits: Because Dow Corning Cleaner and Surface Prep Solvent lasts only a short time in the atmosphere and does not contribute to smog, it is recognized by the US EPA as being VOC exempt and non-ozone depleting. This product is approved under the EPA SNAP program and is not considered a hazardous air pollutant. Dow Corning Cleaner and Surface Prep Solvent has achieved Clean Air Solvent Certification by the California South Coast Air Quality Management District (the first non-water based products to reach this status).

Features:

- Especially effective on uncured silicones, residues, oils
- Softens cured silicones to make removal easier
- Non-ozone-depleting, VOC exempt (VOC = 0 g/liter)
- Safe on plastics, painted surfaces and elastomeric materials
- Noncorrosive to metals
- Essentially odorless
- Non-allergenic
- Evaporates completely at room temperature
- Low toxicity

- Low surface tension allows rapid spreading for superior removal of soil in tight spaces
- Not a hazardous air pollutant

Basic Uses: Dow Corning Cleaner and Surface Prep Solvent can help meet environmental regulations in industrial operations. Typical applications include cleaning plastics, fiberglass and components; pre-cleaning surfaces prior to painting, sealing and bonding; degreasing bearings, nuts, bolts, chains and conveyor belts; and removing silicone pressure-sensitive adhesives (labels).

Dow Corning Cleaner and Surface Prep Solvent complements other Dow Corning® brand products, functioning to:

- Prep surfaces prior to sealant applications
- Clean mixing and dispensing equipment, including lines and heads
- Remove silicone-based greases, oils, mold release agents, and protectants
- Soften cured silicone sealants
- Remove silicone pressure-sensitive adhesives (labels) and residue
- Remove coating/stamping oils, motor oil/greases, typical shop soils, processing fluids

Limitations: Dow Corning Cleaner and Surface Prep Solvent may not remove highly polar contaminants.

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Packaging: Dow Corning Cleaner and Surface Prep Solvent is supplied in 10-fl oz (283-g) pressurized dispensers; 1-, 5- and 55-gal (3.8-, 18.9- and 208-L) drums; and in bulk quantities.

Storage and Shelf Life: Dow Corning Cleaner and Surface Prep Solvent has a shelf life of 24 months from date of manufacture. Refer to product packaging for "Use By" date. Keep container closed and away from heat, sparks and open flames. Dow Corning Cleaner and Surface Prep Solvent has a flash point below 60°C (140°F) and, when spent, is classified as an ignitable waste.

Shipping Limitations: DOT Classification: Flammable.

4. TECHNICAL DATA

Food Contact Status: Because Dow Corning Cleaner and Surface Prep Solvent dries completely and is nontoxic, it may be used for food-contact surfaces if the surface is completely rinsed after cleaning.

5. INSTALLATION

Dow Corning Cleaner and Surface Prep Solvent may be applied by spraying, dipping, brushing or wiping.

Surface Preparation: Dow Corning Cleaner and Surface Prep Solvent is effective at removing greases, oils, shop

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Flash Point, Closed Cup, °C (F)	-3 (27)
Specific Gravity at 25°C (77°F)	0.78
Boiling Point (BP), °C (°F)	109 (229)
Freezing Point, °C (°F)	-80 (-112)
Vapor Pressure at 25°C (77°F), mm Hg	31.59
Drying Rate, comparable to	Isopropyl Alcohol
Viscosity at 25°C (77°F), cSt	0.78
<p>Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product, and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call 1-800-322-8723.</p>	

soils and fingerprints. The product evaporates completely, leaving a clean surface ready for painting, bonding or sealing. Spray or wipe *Dow Corning* Cleaner and Surface Prep Solvent onto the surface, let soak for a moment and wipe off with a clean cloth.

Silicone Removal: *Dow Corning* Cleaner and Surface Prep Solvent is effective at removing uncured silicone sealants, oils and greases, including removing any underlying residue. It can also soften many cured silicones, making them easier to remove. Scrape off the majority of the cured silicone, spray or wipe on *Dow Corning* Cleaner and Surface Prep Solvent, let soak, and wipe surface before it dries, repeating if necessary. *Dow Corning* Cleaner and Surface Prep Solvent can also be used to clean silicone dispensing equipment.

Environmentally Compatible Solvent: *Dow Corning* Cleaner and Surface Prep Solvent is a suitable solvent for diluting

and tailoring the viscosity of silicones. Because *Dow Corning* Cleaner and Surface Prep Solvent is VOC exempt, it can be used with other solvents to help reduce the VOC content in many products. In many instances, it is a good replacement for toluene, xylene and naphtha.

Safe Handling Information: PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM YOUR DOW CORNING REPRESENTATIVE, OR DISTRIBUTOR, OR BY WRITING TO DOW CORNING CUSTOMER SERVICE, OR BY CALLING 1-800-322-8723.

6. AVAILABILITY AND COST

Dow Corning Cleaner and Surface Prep Solvent is available through authorized *Dow Corning* distributors. For the name and telephone number of the nearest *Dow Corning* sales representative, call 1-800-322-8723.

7. WARRANTY

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 *Dow Corning's* products are safe, effective, and fully satisfactory for the intended end use.

Dow Corning's sole warranty is that the product will meet the *Dow Corning* 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. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.

8. MAINTENANCE

No maintenance is required.

9. TECHNICAL SERVICE

Local Dow Corning representatives are available to assist you in product selection and application. For the name and telephone number of the nearest Dow Corning sales representative, call 1-800-322-8723.

10. FILING SYSTEM

Additional information on construction materials is available via the Dow Corning web site at www.dowcorning.com.

How To Contact Us

Dow Corning has sales offices, manufacturing sites, as well as science and technology laboratories around the globe. Telephone numbers of locations near you are available on the world wide web at www.dowcorning.com, or by calling one of our primary locations listed below.

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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 Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Dow Corning's sole warranty is that the product will meet the Dow Corning 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.

Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.

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