

Product Information

Specialty Solvents

Dow Corning® OS-2 Silicone Cleaner and Surface Prep Solvent

FEATURES

- Non-ozone-depleting, VOC exempt (VOC = 0 g/liter)
- Safe on plastics, noncorrosive to metals
- Especially effective on uncured silicones, residues, oils
- Softens cured silicones
- Essentially odorless
- Negligible global warming
- Non-allergenic
- Free recycling program in North America
- Evaporates completely at room temperature
- Relatively low toxicity
- Diluent for many types of oils, lubricants, coatings and silicone polymers
- Low surface tension allows rapid spreading for superior removal of soil in tight spaces
- Not a hazardous air pollutant

COMPOSITION

- Volatile methylsiloxane (VMS) fluid

Developed for use as a cleaning agent and carrier

USES

Dow Corning® OS-2 Silicone Cleaner and Surface Prep Solvent can help meet environmental regulations in areas such as transportation, industrial maintenance, repair and operations; utilities; and food processing. 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; removing silicone-based car wax and protectants; and removing silicone pressure-sensitive adhesives (labels).

Dow Corning OS-2 Silicone Cleaner and Surface Prep Solvent complements other *Dow Corning*® brand products, functioning to:

- Prep surfaces prior to sealant, lubricant and sealant applications
- Clean mixing and dispensing equipment, including lines and heads
- Dilute silicones to customize viscosities
- Remove silicone-based greases, oils, mold release agents, car wax 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

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Test	Unit	Result
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

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 (517) 496-6000.

DESCRIPTION

Dow Corning OS-2 Silicone Cleaner and Surface Prep Solvent is a volatile methylsiloxane (VMS) fluid developed specifically for use as a cleaning agent and carrier. *Dow Corning* OS-2 Silicone Cleaner and Surface Prep

Solvent is safe for use on a wide range of materials, including plastics, metals, painted surfaces, and elastomeric materials. Its mild cleaning action also makes it suitable for cleaning multimaterial components and devices.

ENVIRONMENTAL BENEFITS

Because *Dow Corning* OS-2 Silicone 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* OS-2 Silicone Cleaner and Surface Prep Solvent, along with *Dow Corning*® OS-10, OS-20 and OS-30 Fluids, 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).

FOOD CONTACT STATUS

Because *Dow Corning* OS-2 Silicone 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.

HOW TO USE

Dow Corning OS-2 Silicone Cleaner and Surface Prep Solvent may be applied by spraying, dipping, brushing or wiping.

Surface Preparation

Dow Corning OS-2 Silicone Cleaner and Surface Prep Solvent is effective at removing greases, oils, shop soils and fingerprints. The product evaporates completely, leaving a clean surface ready for painting, bonding or sealing. Spray or wipe *Dow Corning* OS-2 Silicone Cleaner and Surface Prep Solvent onto the surface, let soak for a moment and wipe off with a clean cloth.

Silicone Removal

Dow Corning OS-2 Silicone 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* OS-2 Silicone Cleaner and Surface Prep Solvent, let soak, and wipe surface before it dries, repeating if necessary. *Dow Corning* OS-2 Silicone Cleaner and Surface Prep Solvent can also be used to clean silicone dispensing equipment.

Environmentally Compatible Solvent

Dow Corning OS-2 Silicone Cleaner and Surface Prep Solvent is a suitable solvent for diluting and tailoring the viscosity of silicones. Because *Dow Corning* OS-2 Silicone 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.

USE LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical use. Not intended for human injection.

Dow Corning OS-2 Silicone Cleaner and Surface Prep Solvent may not remove highly polar contaminants.

SHIPPING LIMITATIONS

DOT Classification: Flammable.

STORAGE AND SHELF LIFE

Dow Corning OS-2 Silicone Cleaner and Surface Prep Solvent has a shelf life of 24 months from date of manufacture. Keep container closed and away from heat, sparks and open flames. *Dow Corning* OS-2 Silicone Cleaner and Surface Prep Solvent has a flash point below 60°C (140°F) and, when spent, is classified as an ignitable waste.

PACKAGING

Dow Corning OS-2 Silicone 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.

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 (517) 496-6000.

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 use shall not be taken as inducements to infringe any patent.