



Product Information

DOW CORNING

Silicone Fluids

Dow Corning® 230 Fluid

FEATURES

- Excellent release of rubber and plastics
- Little or no interference with painting, coating or bonding applications of cleaned substrates

COMPOSITION

- Alkylarylsiloxane fluid

Mold release agent

USES

Dow Corning® 230 Fluid is used to release plastic and rubber components and act as an external lubricant for rubber parts in mechanical applications.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Test	Unit	Result
Physical Form		Liquid
Specific Gravity at 25°C (77°F)		1.000-1.012
Viscosity at 25°C (77°F)	cs	1125-1645
Refractive Index at 25°C (77°F)		1.4600-1.4640
Flash Point, Pensky-Martin closed cup, minimum	°C (°F)	93 (200)
Suitable Diluents		Aromatics, aliphatics, chlorinated solvents

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.

HOW TO USE

For optimum performance, components produced using Dow Corning 230 Fluid should be cleaned prior to subsequent coating or bonding applications. Typically, routine solvent cleaning of the surface is all that is required. Accidental contact between components to be painted will not normally cause “fish eyes.” However, parts containing heavy applications of Dow Corning 230 Fluid, like any oil or grease, will likely exhibit slight “fish eyeing” or “orange peel” or lower adhesion if the surface is not properly cleaned.

The coating or adhesive system to be used in subsequent finishing operations should be evaluated for compatibility prior to use in full-scale production operations.

Dow Corning 230 Fluid is typically diluted with a solvent before use. The ideal fluid concentration

depends largely upon the application method. For spraying or brushing, 0.5 to 2.0 percent fluid concentrations are common. Suitable diluents include aromatics, aliphatics and chlorinated solvents.¹

USE LIMITATIONS

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

SHIPPING LIMITATIONS

None.

STORAGE AND SHELF LIFE

When between 15 and 40°C (60 and 105°F), Dow Corning 230 Fluid has a shelf life of 36 months from date of manufacture. Refer to product packaging for “Use By” date.

¹When using any volatile solvent, always provide adequate ventilation. Follow precautions on the solvent container label.

PACKAGING

Dow Corning 230 Fluid is supplied in 40- and 440-lb (18.1- and 199.5-kg) containers, net weight.

SAFE HANDLING INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. 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.