

Product Information

Paints, Inks and Coatings

Dow Corning[®] 56 Additive

FEATURES

- Outstanding antifoam efficiency at elevated temperatures
- Eliminates microfoam
- Improves leveling and increases gloss
- Improves mar resistance
- Recoatable when used as directed

COMPOSITION

- 100 percent active alkylmethyl siloxane additive
- Pourable liquid

Siloxane additive that eliminates microfoam in solvent-based systems and acts as leveling agent

APPLICATIONS

Dow Corning[®] 56 Additive is intended for eliminating microfoam, improving leveling and improving mar resistance. *Dow Corning* 56 Additive has been successfully used in these industrial applications¹:

- Eliminates microfoam in solvent-based wood coatings and maintains film integrity of curtain coatings
- Improves leveling in solventless paints at 0.2 to 0.5 percent
- Improves leveling in water-based wood coatings at 0.5 to 5 percent
- Improves leveling in solvent-based wood coatings at 0.05 to 0.5 percent and as high as 5 percent
- Improves mar resistance in solvent-based industrial coatings
- Aids dispersion of damp pigments
- Aids pigment orientation in metallic-effect finishes

¹All usage levels are weight percents based on the total formulation.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test	Unit	Result
Color		Light straw
Specific Gravity at 25°C (77°F)		1.006
Flash Point, closed cup	°C (°F)	>101 (>214)
Viscosity at 25°C (77°F)	cs	1500

HOW TO USE

Dow Corning 56 Additive is effective at low concentrations. The amount required depends on type of formulation, the solvent it contains, resin system and total system solids. *Dow Corning* 56 Additive is generally effective at concentrations typically ranging from 0.05 to 2.0 weight percent, based upon total formulation. This additive can be added during the grind, let-down or be post-added. Characteristics may vary when used with different systems and formulations. *Dow Corning* 56 Additive is compatible with acrylic, alkyd, epoxy, nitrocellulose, polyesters, polyurethane and vinyl systems.

Thorough preproduction testing is necessary to ensure expected performance.

Blending/Diluting

Dow Corning 56 Additive is typically added during the final thinning and color matching step. It should be blended after the paint has been removed from the processing equipment. *Dow Corning* 56 Additive can be diluted with aromatic solvents, mineral spirits, ketones, esters or chlorinated solvents (see Handling Precautions).

Recoating

Finishes incorporating *Dow Corning* 56 Additive are generally recoatable without surface preparation. In the unlikely event that recoating difficulties occur, the surface should be washed with solvent and wet sanded with a 1 percent detergent solution.

**HANDLING
PRECAUTIONS**

Caution: Vapor overexposure may irritate eyes, nose and throat.

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the Dow Corning website at www.dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

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**

Dow Corning 56 Additive has a shelf life of 36 months from date of manufacture. Refer to product packaging for "Use By" date.

PACKAGING

Dow Corning 56 Additive is available in 16.9-fl oz (500-mL) samples; 44.1-lb (20-kg) pails and 441-lb (200-kg) drums.

**HEALTH AND
ENVIRONMENTAL
INFORMATION**

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, www.dowcorning.com, or consult your local Dow Corning representative.

**LIMITED 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. Suggestions of use shall not be taken as inducements to infringe any patent.

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.

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