

# Product Information

## Paints, Inks & Coatings

DOW CORNING

# Dow Corning® 23 N Additive

## FEATURES

- White elastomeric silicone powder
- Contains epoxy groups

## BENEFITS

- Resistant to scratching and general marking
- Provides a matt finish

## COMPOSITION

- Silicone Elastomer Powder

Silicone additive for solvent and aqueous coatings

## APPLICATIONS

- Imparts mar and abrasion resistance by reducing surface friction.
- Confers a silky smooth matt finish.

## 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.

CTM <sup>1</sup>	Property	Unit	Result
0176	Appearance		White powder.
1138	Average particle size	µ m	2
1138	Particle size distribution	µ m	1-10
0025	Bulk density	g/liter	0.18
0024	Epoxy equivalent		5000
0208	Water content	%	0.1

1. CTM: Corporate Test Method, copies of CTMs are available upon request.

## DESCRIPTION

*Dow Corning® 23N Additive* is a cross-linked epoxy functional silicone elastomer powder.

## HOW TO USE

*Dow Corning® 23N Additive* is best added to a portion of the resin/solvent system under high shear conditions prior to blending into the final formulation.

Typical addition level is 1% to 15% based on coating solids.

## HANDLING PRECAUTIONS

The user should incorporate proper handling and processing procedures to avoid flame and ignition sources. Please refer to the material safety data sheet for further information. 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 [dowcorning.com](http://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.

## USABLE LIFE AND STORAGE

When stored at or below 25°C in the original unopened containers, this product has a usable life of 27 months from the date of production.

## **PACKAGING INFORMATION**

This product is available in 10kg pails and 20kg drums.

## **LIMITATIONS**

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

## **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, [dowcorning.com](http://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 our 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.

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