



## Technical Data Sheet

### DOWSIL™ 601T Additive

Silicone additive for reducing the gloss and changing the haptic/touch of aqueous paints and inks

#### Features & Benefits

- White elastomeric silicone powder
- Free flowing powder
- Water dispersible powder

#### Composition

- Silicone elastomeric powder treated with silica

#### Applications

- Confers a silky smooth matt finishing to water based paint formulations

#### Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

| CTM <sup>1</sup> | Property              | Unit              | Result       |
|------------------|-----------------------|-------------------|--------------|
| 0176B            | Appearance            |                   | White powder |
| 1151B            | Average particle size | µm                | 1–10         |
| 01289A           | Bulk density          | g/cm <sup>3</sup> | 0.38         |

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

#### Description

DOWSIL™ 601T Additive is a silicone powder treated with silica. The powder can be easily dispersed in water and solvent. The powder provides smooth and silky feel in water and solvent based finishing formulation.

#### How to Use

DOWSIL™ 601T Additive is easy to use and can be directly added in water borne acrylic and polyurethane binder formulation. Typical addition level is 1–8% based on the film gloss and hand feel needs.

#### Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life and Storage**

This product should be stored away from heat. When stored at or below 30°C in original unopened containers, this product has a usable life of 12 month from the date of production.

**Packaging Information**

This product is available in 10 kg paper bags.

**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 has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, [dow.com](http://dow.com) or consult your local Dow representative.

**Disposal Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

**Product Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

**Customer Notice**

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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