

## *Dow Corning*<sup>®</sup> TI-1050 Fluid, 100000 cSt

### **FEATURES & BENEFITS**

- High viscosity dimethicone fluid
- Non-occlusive
- Spreadability
- Water repellent
- Smooth feel on the skin
- Substantive
- Film forming agent

### **COMPOSITION**

- Linear polydimethylsiloxane polymer
- INCI Name: Dimethicone
- CAS Number: 63148-62-9

### **REGULATORY SUPPORT**

- Ingredient Information Package (IIP)
- Ingredient Regulatory Information
  - Elemental Impurities
  - Summary of Health Data or Opinion Letter

Formulation ingredient for topical consumer healthcare applications

### **APPLICATIONS**

- *Dow Corning*<sup>®</sup> TI-1050 Fluid, 100000 cSt can provide film forming properties, ease of spreading, smooth feel and reduced tackiness in skin contact applications including personal lubrication, dermatological formulations and topical consumer healthcare applications.

### **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
0176B	Appearance		Crystal clear liquid
0001AA	Specific Gravity at 25°C		0.977
0050IK	Viscosity at 25°C	mm/s <sup>2</sup>	100000
0002	Refractive index at 25°C		1,4037

<sup>1</sup>CTM: Corporate Test Method, copies of CTM's are available on request.

### **DESCRIPTION**

*Dow Corning* TI-1050 Fluid, 100000 cSt is a clear, colorless, high viscosity polydimethylsiloxane used to formulate with other organic and inorganic materials for topical consumer healthcare applications.

### **SPECIFIC TESTING**

- Infrared identification on each batch
- Tested for elemental impurities according to <232> and ICH Q3D guideline for metal impurities, every 2 years

### **HOW TO USE**

*Dow Corning* TI-1050 Fluid, 100000 cSt is insoluble in water and in many organics products. *Dow Corning* TI-1050 Fluid, 100000 cSt may be blended with other silicone or organic excipients to provide a fluid base for a variety of formulations This fluid is

easily emulsified in water with standard emulsifiers and normal emulsification techniques.

### **REGULATORY INFORMATION**

*Dow Corning* TI-1050 Fluid, 100000 cSt is produced at a Dow Corning manufacturing site registered as part of Dow Corning's global quality system according to ISO 9001:2008.

Dow Corning can provide a Ingredient Information Package (IIP) containing the following information:

- Ingredient Regulatory Information
- Elemental Impurities
- Summary of Health Data or Opinion Letter

**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 CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.**

### **USABLE LIFE AND STORAGE**

When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 36 months from the date of production.

### **PACKAGING INFORMATION**

*Dow Corning* TI-1050 Fluid, 100000 cSt is available in pails and in drums.

Samples are available in bottles.

### **LIMITATIONS**

This product is neither tested nor represented as suitable for specific pharmaceutical use. However, should you wish to use this product in a pharmaceutical application, please contact Dow Corning to discuss such potential use.

It is the user's role responsibility to ensure that their intended use of these materials complies with all regulatory and legal requirements applicable to such use in each relevant jurisdiction including targeted geographic regions of manufacture and supply.

### **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.

Dow Corning's sole warranty is that our products will meet the 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.

**TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.**

**DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

*We help you invent the future.™*

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