



Technical Data Sheet

DOWSIL™ FA 4004 ID Silicone Acrylate

INCI: Isododecane (and) Acrylates/Polytrimethylsiloxymethacrylate Copolymer

Features & Benefits

- Film-former
- Flexible film
- Sebum resistance
- Water resistance
- Resistance to rub-off
- Good film integrity
- High volatility carrier

Composition

- 40% polymer in isododecane

Applications

- Color cosmetic

Typical Properties

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

CTM ¹	Property	Unit	Result
0176	Appearance		Clear to slightly hazy
004A	Viscosity at 25°C	mm ² /s	100
0208	Non-volatile content, 1 g/150°C/3 hours	%	40
	Cyclotetrasiloxane (D4) content	%	< 0.1
	Cyclopentasiloxane (D5) content	%	< 0.1

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

Description

DOWSIL™ FA 4004 ID Silicone Acrylate is a blend of approximately 40% of acrylates/polytrimethylsiloxymethacrylate copolymer in isododecane. After evaporation of the isododecane, the high molecular weight silicone acrylate copolymer forms a film on skin.

How to Use

This is a low viscosity fluid that is easily incorporated into a variety of personal care formulations.

**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 CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life and
Storage**

When stored at or below 32°C in the original unopened containers, this product has a usable life of 24 months from the date of production.

**Packaging
Information**

This product is available in 190 kg drums and 15 kg pails. Samples are available in 500 g bottles.

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, consumer.dow.com or consult your local Dow representative.

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