



Dow Corning® Topical Ingredients for Consumer Healthcare Applications

Product Guide

Innovation and Regulatory Compliance Support

Dow Corning® Topical Ingredients support your needs for innovation and regulatory compliance in consumer healthcare applications.

Functional Benefits

- Enable a variety of product forms (gels, sprays, lotions, creams, etc.)
- Enhanced spreading and sensory aesthetics
- Range from non-occlusive to semi-occlusive ingredients
- Long-lasting effects

Healthcare Grade

- Manufactured at a defined site with healthcare fit-for-purpose audit
- Infrared identification on each batch
- Elemental impurity warranty according to ICH Q3D limits and based on USP <232> and <233>; tested biannually

Regulatory Support

- Ingredient Regulatory Information
- Summary of Health Data and Opinion Letter

Efficacy. Compliance.

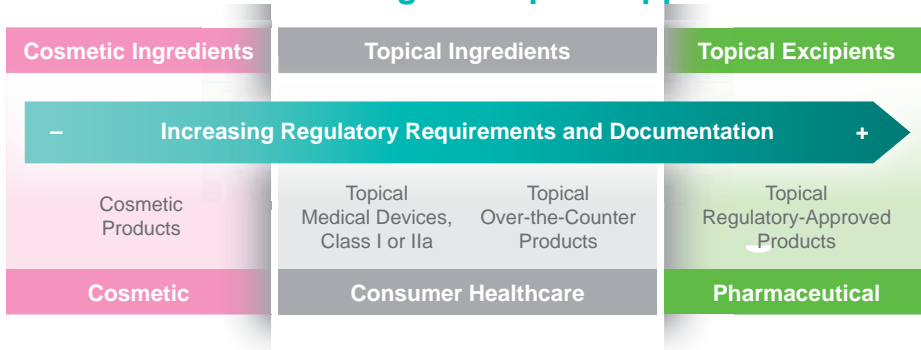


Consumers increasingly are demanding a higher quality of life and are taking charge of their health and well-being. Over-the-counter topical and medical device products to address scars, acne and other skin conditions are proliferating to meet their desire to feel and look good. Meanwhile, regulations on consumer healthcare products continue to evolve to ensure safety and minimize public risk.

Dow Corning Topical Ingredients offer a broad product range with quality-grade and regulatory documentation for consumer healthcare to help deliver the performance consumers expect and to support the regulatory compliance you need.

As a global leader in silicones — with a fully integrated supply chain and more than 60 years of experience in the healthcare industry — Dow Corning offers solutions, expertise, quality and compliance support for your topical applications.

Solutions for a Full Range of Topical Applications



Dow Corning® Topical Ingredients: Product Details

	INCI Name	Features	Function(s)
FLUIDS			
Dow Corning® TI-1050 Fluid (1.5 cSt)	Dimethicone	High volatility; excellent spreading; non-occlusive; smooth, non-greasy feel	Carrier for spray; spreading agent
Dow Corning® TI-1050 Fluid (5 and 10 cSt)	Dimethicone	Lubricity; water repellency; non-occlusive; smooth, tack-free feel on the skin	Spreading agent; lubricant; emollient
Dow Corning® TI-1050 Fluid (50, 100, 200, 350 and 1,000 cSt)	Dimethicone	Non-occlusive; substantive; water repellency; non-greasy feel on the skin	Spreading agent; lubricant; emollient
Dow Corning® TI-1050 Fluid (12,500, 30,000 and 100,000 cSt)	Dimethicone	Non-occlusive; water repellency; substantive on the skin	Film-forming agent; emollient; lubricant
SPECIALTY FLUIDS			
Dow Corning® TI-2011 SPE Specialty Fluid	PEG-12 Dimethicone	Foam builder; wetting agent; humectant	Solubilizer and compatibilizer for active ingredients; emollient; dispersant
Dow Corning® TI-2021 AMS Specialty Fluid	Caprylyl Methicone	Moderate volatility; non-occlusive; reduced greasy and tacky feel of organic oils; smooth, light after-feel	Spreading agent; dispersant for hydrophobic powder; compatibilizer for silicone with organic oil
BLENDS			
Dow Corning® TI-3011 Gum Blend	Dimethicone and Dimethiconol	Long-lasting; non-occlusive; smooth feel; increased wash-off resistance	Barrier film; film-forming agent; lubricant
Dow Corning® TI-3021 Silicone Elastomer Blend	Dimethicone (and) Dimethicone Crosspolymer	Non-occlusive; substantive; improved sensory feel in formulations (smooth, non-greasy, non-tacky)	Rheology modifier; thickener for anhydrous gels and W/O emulsions
WAX			
Dow Corning® TI-4021 Semi-Occlusive Wax	C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane	Semi-occlusive material; wash-off resistance; broad compatibility with silicone and organics	Rheology and texture modifier; structuring agent
EMULSIFIER			
Dow Corning® TI-6021 W/O Formulation Aid	PEG-10 Dimethicone	Silicone emulsifier; 100% active	Versatile emulsifier for water-in-oil and water-in-silicone emulsions; hot or cold processing
RESINS			
Dow Corning® TI-7012 Solid Resin	Trimethylsiloxysilicate	Solventless; permeable film; excellent wash-off resistance; sebum resistance; long-lasting; non-occlusive	Film-former; permeable barrier film
Dow Corning® TI-7021 Silicone Resin Blend	Dimethicone (and) Trimethylsiloxysilicate	Permeable film; excellent wash-off resistance; pourable liquid for ease of formulation; non-occlusive	Film-former

NOTE: INCI name is required for inactive ingredients disclosure per U.S. Consumer Healthcare Product Association voluntary Codes and Guidelines.

Contact Dow Corning

When you need innovation, Dow Corning can help. Dow Corning® brand solutions are dedicated to meeting your needs for specialty materials, collaborative problem-solving and innovation support. Learn how we can help you at dowcorning.com/healthcare.

Your Global Connection

Dow Corning has sales offices and manufacturing facilities worldwide, as well as full-service, global technical support. Contact us today by visiting dowcorning.com/ContactUs.

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