

# **Spotlight Topical Ingredients**

### Know ....



... How!

## DOW CORNING Dow Corning® Topical Silicone Ingredients

for Consumer Healthcare and Medical Device Applications

Accelerate the development of your consumer healthcare and topical medical device formulations with a new, broad range of silicone-based ingredients.

*Dow Corning®* **Topical Ingredients** have unique features allowing you to develop innovative solutions to serve the consumer healthcare and medical device market in product forms like barrier creams, breathable lotions, aqueous gels, anhydrous ointments and sprays.

*Dow Corning®* silicone-based ingredients will help you to make your formulation easier to apply and very pleasant to use, thus increasing consumer acceptance and satisfaction.

These come along with appropriate regulatory documentation, specifications and with proven aesthetics and functional film characteristics.

To ensure consistent high quality, *Dow Corning*® **Topical Ingredients** are manufactured at defined manufacturing sites with the

appropriate healthcare oversight and audits.

Dow Corning uses its comprehensive knowledge and proven expertise in regulatory affairs to offer

a complete **Ingredient Information Package (IIP)** aligned with the requirements of the consumer healthcare and medical device market.



### *Dow Corning®* Silicones can help you create new solutions to pleasantly and rapidly improve skin problems

Reputable
Affordable
Easier
Faster

Quality:	
Manufacturing Site	Defined manufacturing site (Healthcare oversight / audit) Qualification: • ISO 9001:2008 • Traceability, Change Control • Single-lot Selection, Contamination Control
Quality and Regulatory Documentation	Ingredient Information Package (IIP): • Ingredient Regulatory Information (IRI) • Elemental Impurities (EI) • Summary of Health Data or Opinion Letter







Fluids: Volatile	Carrier/Emollient		
TI-1050 Fluid, 1,5 cSt			
Fast evaporation rate Excellent spreading Non-occlusive Smooth & non-greasy feel	Carrier for spray Solvent Spreading agent		
TI-1050 Fluid, 5 - 10 cSt			
Lubricity Water repellency Non-occlusive Smooth & tack-free skin feeling	Spreading agent Lubricant Emollient		
TI-1050 Fluid, 50 - 1000 cSt			
Non-occlusive Substantive Water repellency Non-greasy skin feeling	Spreading agent Lubricant Emollient		
TI-1050 Fluid, 30000 - 100000 cSt			
Non-occlusive Water repellency Substantive	Film forming agent Lubricant Emollient		
Specialty Fluids: Carrier / Solvent			
TI-2011 SPE Specialty Fluid			
Foam-builder Wetting agent Humectant	Solubilizer & compatibilizer for active ingredients Emollient Dispersant		
TI-2021 AMS Specialty Fluid			
Moderate volatility Non-occlusive Reduces greasy & tacky feel of organic oils Smooth & light after-feel	Spreading agent Dispersant for hydrophobic powder Compatibilizer for silicone with organic oil		



Blends: Emo	llient		
TI-3011 Gum Blend			
Long lasting Non-occlusive Smooth feel Wash-off resistance	Film forming agent Barrier film Lubricant		
TI-3021 Silicone Elastomer Blend			
Non-occlusive Substantive Improve of sensory feel in formulations (smooth, non-greasy, non-tacky)	Rheology modifier Thickener for anhydrous gel and W/O emulsion		
Wax: Structuring Agent			
TI-4021 Semi-Occlusive Wax			
Semi-occlusive Wash-off resistance Broad compatibility with silicone and organics	Rheology and texture modifier Structuring agent		
Emulsifier: Emu	Emulsifier		
TI-6021 Formulation Aid			
Silicone emulsifier Non-diluted material Formulation flexibility with a broad range of silicones and organic oil phases	Versatile emulsifier for W/O and W/Si emulsion Provides low viscosity emulsions Hot and cold processing		
Resins: Film F	ormer		
TI-7012 Solid Resin			
Solventless Excellent wash-off resistance Sebum resistance Long lasting Non-occlusive	Film forming agent Permeable barrier film		
TI-7021 Silicone Resin Blend			
Excellent wash-off resistance Ease of formulation Non-occlusive Substantive	Film forming agent Permeable film		

#### **Biesterfeld Spezialchemie - Your Bridge to Chemical Specialties in Europe**

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