

SiBrid® TM-031 is a personal care silicone vehicle with solubility and volatility characteristics similar to cyclopentasiloxane (D₅). These properties allow formulators to achieve performance needed while addressing regulatory concerns.

SiBrid® TM-031 Applications

Alternative to D₅ in These Products:

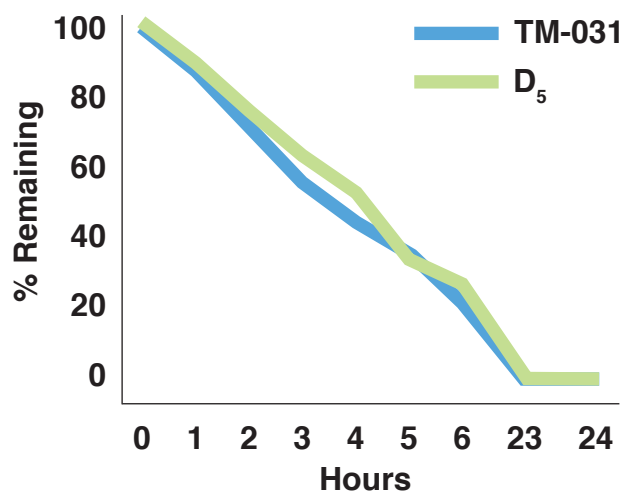
- Tanning Oils
- Foundations
- Bath & Cleaning Products
- Solid Sticks
- Hair Care Products
- Creams and Lotions

SiBrid® TM-031 Benefits

- Reduces Tack & Greasiness
- Improves Spreadability
- Cleansing Properties
- Light & Dry Skin Feel
- Soft & Silky After Feel

Property	TM-031
Color	Colorless
Refractive Index	1.3989
Organic Compatability	Yes
Viscosity (cSt)	1-2
Flash Point °C	54
Boiling Point °C	197

Volatility of TM-031 vs. D₅ @ 25°C



Solubility of SiBrid® TM-031 vs. D₅ (1:1)

Cosmetic Ingredient	TM-031	D ₅
Dimethicones	Soluble	Soluble
Diethicones	Soluble	Soluble
Ethyl Hexyl Palmitate	Soluble	Soluble
Hydrogenated Polyisobutene	Soluble	Soluble
Hydrocarbons	Soluble	Soluble
Octyl Methoxycinnamate	Soluble	Insoluble
Jojoba oil	Soluble	Soluble
Shea butter	Soluble	Soluble
Castor Oil	Insoluble	Insoluble
Caprylyl/Capric Triglyceride	Soluble	Soluble
Isododecane	Soluble	Soluble
Ethanol	Soluble	Soluble



Make-up Remover with SiBrid® TM-031 Use TM-031 as a make-up solvent to cleanup mascara, eyeliner and other long-wearing or waterproof eye and face makeup instantly.

Ingredient	INCI Name	Supplier	%
Phase A			
DI Water	Water (Aqua)		QS
Butylene Glycol	Butylene Glycol		5.00
Preservative			QS
Purslane Extract	Aqua/Butylene Glycol/ Portulaca Oleracea L. Extract	SK Bioland	0.50
Blue 1	FD&C Blue No. 1		
Phase B			
SiBrid® TM-031	Propyl Trisiloxane	Gelest	40.00
Sparkling Rose	Fragrance (Parfum)	Premier Specialties	QS