

Light Coverage Foundation No. 644

		Wt.%
A	VEEGUM® R Magnesium Aluminum Silicate	1.20
	Water	59.55
	Cellulose Gum (CMC 7LF ¹)	0.60
B	Butylene Glycol	6.00
	Triethanolamine, 99%	2.00
	Methylparaben ²	0.30
	Diazolidinyl Urea (Germall® II ¹)	0.20
C	Titanium Dioxide (Suncroma® Titanium Dioxide C47-051 ³)	5.62
	Suncroma Brown Iron Oxide C33-115 ³	1.00
	Suncroma Red Iron Oxide C33-128 ³	0.35
	Suncroma Black Iron Oxide C33-5000 ³	0.03
	Talc (Suprafino® H USP BC 3460H ⁴)	8.00
D	Glyceryl Stearate (Protachem™ GMS-450 ²)	1.00
	Isostearic Acid ⁵	2.00
	Stearic Acid XXX (Triple Pressed Stearic Acid FGK Flakes ⁶)	2.00
	Isopropyl Lanolate ⁷	5.00
	Propylene Glycol Dicaprylate/ Dicaprate (Liponate® PC ⁸)	5.00
	Propylparaben ²	0.15

Note: The iron oxide blend listed above is a suggested starting point.

(Formula Courtesy of Sun Chemical Corporation)

Procedure: Dry blend the **VEEGUM® R** and Cellulose Gum and add them to the water while mixing at maximum available shear. Mix until fully hydrated. Add the Part B ingredients in the order shown, and mix well after each. Add the Part C ingredients and mix until thoroughly dispersed. Begin heating to 75°C. Heat the Part D ingredients to 75°C. Add Part D to Parts A+B+C with good agitation; mix until uniform. Continue mixing slowly while cooling to room temperature.

RAW MATERIAL SUPPLIERS
¹Ashland Specialty Ingredients, Wilmington, DE

²Protameen Chemicals, Inc., Totowa, NJ

³Sun Chemical Corporation, Parsippany, NJ

⁴Brenntag Specialties, Inc., South Plainfield, NJ

⁵Universal Preserv-A-Chem, Somerset, NJ

⁶Acme Hardesty Co., Blue Bell, PA

⁷Zhejiang Garden Biochemical High-Tech Co., Ltd, Zhejiang Province, China

⁸Vantage Specialty Ingredients, Warren, NJ

TRADEMARKS
VEEGUM is a registered trademark of Vanderbilt Minerals, LLC.

Germall is a registered trademark of Sutton Laboratories, Inc.

Liponate is a registered trademark of Lipo Chemicals, Inc.

Protachem is a trademark of Protameen Chemicals, Inc.

Suncroma is a registered trademark of Sun Chemical Corporation.

Suprafino is a registered trademark of Cyprus Mines Corporation.

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