

Leg Makeup No. 623

	Wt. %
A	VEEGUM® Ultra Magnesium Aluminum Silicate 2.00
	VANZAN® NF Xanthan Gum 0.50
	Water 71.26
	Propanediol (Zemea® Propanediol ¹) 5.00
B	Yellow Iron Oxide (SunCROMA® Yellow Iron Oxide (C33-210) ²) 1.00
	Red Iron Oxide (SunCROMA Red Iron Oxide (C33-128) ²) 0.26
	Black Iron Oxide (SunCROMA Black Iron Oxide (C33-5000) ²) 0.08
	Talc (Imperial™ 1886L BC ³) 4.30
	Titanium Dioxide (and) Cellulose (and) Alumina (C2-5 TiO2 CR-50 ⁴) 5.00
C	Isocetyl Alcohol (Jeecol® ICA ⁵) 3.00
	Ethyl Hexyl Methoxycinnamate (Escalol® 557 ⁶) 3.00
	Mineral Oil (and) Lanolin Alcohol (Vilvanolin™ L101 ⁷) 2.00
	DEA-Oleth-3 Phosphate (Crodafos™ O3D-LQ-MH ⁸) 2.20
D	Polyvinylpyrrolidone (PVP K-90 ⁶) 0.40
E	Preservative q.s.

Procedure: Slowly add the **VEEGUM® Ultra** and **VANZAN® NF** sequentially or as a dry blend to the water, agitated at maximum available shear. Mix until fully hydrated. Then add the propanediol. Mix Part B and grind if necessary to break apart agglomerates until homogenous. Add Part B to Part A with mixing. Mix until uniform. Blend the Part C, oil phase ingredients and continue mixing until transfer. Add the Part C, oil phase to the water phase with good agitation; mix until uniform. Add Part D and mix until uniform. Switch to low shear mixing and cool while mixing to ~30°C. Add Part E and mix until uniform.

RAW MATERIAL SUPPLIERS

¹DuPont Tate & Lyle Bio Products Company, LLC, Wilmington, DE

²Sun Chemicals Corporation, Parsippany, NJ

³Brenntag Specialties, Inc., South Plainfield, NJ

⁴Kobo Products, Inc., South Plainfield, NJ

⁵Jeen, Fairfield, NJ

⁶Ashland Specialty Ingredients, Wilmington, DE

⁷Lubrizol Advanced Materials, Inc., Cleveland, OH

⁸Croda Inc., Edison, NJ

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