

Nonionic Liquid Makeup No. 349

	Wt.%
A	VEEGUM® R Magnesium Aluminum Silicate 0.75
	VANZAN® NF Xanthan Gum 0.15
	Deionized Water 67.10
	Glycerin 4.00
	Citric Acid 0.30
B	Talc 5.00
	Titanium Dioxide 5.00
	Iron Oxides 3.70
C	Mineral Oil (and) Lanolin Alcohol (Vilvanolin™ L101 ¹) 5.00
	Myristyl Myristate (Crodamol™ MM ²) 2.50
	Hydrogenated Polyisobutylene (Parleam ^{®3}) 2.00
	Oleyl Alcohol 2.00
	Cetearyl Alcohol (and) Cetareth-20 (Cosmowax™ D ²) 2.00
Polysorbate 85 (Tween 85 ⁴) 0.50	
D	Preservative q.s.

Procedure: While heating the water to 60-65°C, slowly add the **VEEGUM® R** and **VANZAN® NF** sequentially or as a dry blend to the water agitated at maximum available shear. Mix until fully hydrated. Add the glycerin and citric acid. Mix Part B (grind if necessary) until homogenous and add to Part A. Maintain the water phase at 60-65°C. Blend the Part C oil phase ingredients and heat to 60-65°C. Add the Part C oil phase to the water phase with good agitation; mix until uniform. Cool with mixing; add Part D when the emulsion is <40°C.

RAW MATERIAL SUPPLIERS
¹Lubrizol Advanced Materials, Inc., Cleveland, OH

²Croda Inc., Edison, NJ

³Rosow Cosmetics – USA, Matawan, NJ

⁴Uniqema, New Castle, DE

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