



MICRO POWDERS, INC.

Specialty Micronized Wax Additives

SC-2012: HAND MADE SOAP WITH NATUREBEAD COCOA C20 (Hand and Body Soap with Natural Cleansing Beads)			
INGREDIENT	INCI NAME	% W/W	SUPPLIER
Phase A			
Sodium Hydroxide	Sodium Hydroxide	9.43	Red Crown
DI Water	DI Water	9.43	
Phase B			
Virgin Coconut Oil	Virgin Coconut Oil	21.21	Lotion Crafter
Low Acid Castor Oil	Low Acid Castor Oil	7.07	Lotion Crafter
Phase C			
Propylene Glycol	Propylene Glycol	16.29	Evolution Chemicals
Vegetable Based Glycerine	Glycerine	32.57	Lotion Crafter
Fragrance	Essential Oils	1.97	Bulk Apothecary
Aerosil R200	Fumed Silica	1.98	Evonik
Phase D			
NatureBead Cocoa C20	Carnauba Wax	1.00	Micro Powders, Inc.
Total		100%	
Procedure			
<ol style="list-style-type: none"> 1. Weigh Phase A ingredients: Add Sodium Hydroxide into Water, into a separate beaker. Mix thoroughly until all the Sodium Hydroxide has fully dissolved. 2. Weigh Phase B ingredients: Virgin Coconut Oil and Low Acid Castor Oil in a separate beaker. Mix until uniform. 3. Add Phase B (Oils) into Phase A (NaOH solution). Mix at medium to high speed to keep uniformly dispersed @ 145°F. After the soap traces, let it sit in room temperature overnight. 4. Take your soap base and add Phase C ingredients: Propylene Glycol, Glycerine, and Fragrance. Heat the batch to 194F – 212°F. Use slow mixing to expedite melting of the soap base. 5. When the soap base is fully melted: Add fumed silica into the batch. Mix on medium speed until homogeneous. 6. Cool the batch to 158°F then add Phase D ingredients: NatureBead Cocoa C20. Mix on slow speed to disperse the beads. Maintain slow mixing until you are ready to pour in your molds. 7. Cool the batch to 136.4°F and pour into soap molds. Let the soap fully solidify in room temperature before handling. 			
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