

ANTIPERSPIRANT STICK

RAW MATERIALS	Parts By Weight
WITCAMIDE 70 (Stearamide MEA)	26.5
Carnation White Mineral Oil	5.0
WITCONOL APM (PPG-3 Myristyl Ether)	25.5
Silicone 344 Fluid	19.0
Micro Dry	24.0
Fragrance	q.s.

Disperse Micro Dry in WITCONOL APM, Carnation White Mineral Oil and silicone fluid; heat to 85 to 90C with agitation.

Slowly add WITCAMIDE 70 while maintaining temperature at 85 to 90C. When all WITCAMIDE 70 is thoroughly melted and mixture is uniform, add fragrance while maintaining agitation.

Cool to approximately 75C and pour into molds

SOURCE: Witco: Surfactants for Cosmetics and Toiletries:
Formula 111A

A/P STICK

INGREDIENT	% By Weight
I:	
STARFOL OO	24.0
DC 344 Fluid	18.0
Arlacel 165	1.0
II:	
Carbowax 1000	7.0
ADOL 62	16.5
STARFOL Wax CG	4.0
STARFOL BB	3.0
III:	
Micro Dry	20.0
Talc	3.5
Cab-o-sil	3.0

Mixing Instructions:

Mix and heat Phase I to 65C. Maintaining heat, add Phase II ingredients. Add Phase III ingredients in order insuring complete mixing between additions. Pour into suitable container and cool.

Solids: 100%

SOURCE: Sherex Chemical Co.: Formulation Code 6.4.5