

SUSPENSOID STICK FORMULATION

INGREDIENTS	% By Weight
REACH AZP-701	25.0
Volatile Silicone 7158	49.5
Stearyl Alcohol	16.0
PPG-3 Promyristyl Ether	5.0
PEG-8 Distearate	3.0
Talc, 325 mesh	1.0
Cab-O-Sil M-5	0.5
Fragrance	q.s.

Procedure:

1. Add B to reaction vessel and heat to 65C.
2. Add D and E with moderate stirring.
3. Add C slowly, maintain 65C.
4. Increase stirring and add A. Mix for 5 minutes.
5. Add F, mix 5 minutes.
6. Add G, mix 5 minutes.
7. Slow to moderate stirring, cool to 55C and add H. Pour into stick casings.

SOURCE: Reheis Inc.: Suggested Formulation

SUSPENSOID TYPE ANTIPERSPIRANT STICK

RAW MATERIALS	% By Weight
REZAL 36GP Super Ultrafine or REZAL 36GP	20.0
Stearyl Alcohol	20.0
Arlacel 165	1.0
PEG-8 Distearate	2.0
Promyristyl Ether PM3	5.0
Talc, 325 mesh	1.0
Cab-O-Sil M5	1.5
Volatile Silicone 7158	49.5
Fragrance	q.s.

Procedure:

1. Add H to vessel and heat to 65C.
2. Add C, D, and E with moderate stirring.
3. Add B slowly, maintain 65C.
4. Increase stirring and add A. Mix 5 minutes.
5. Add F, mix 5 minutes.
6. Add G, mix 5 minutes.
7. Slow to moderate stirring, cool to 55C and add I.
Pour into stick casings.

SOURCE: Reheis Inc.: REZAL Aluminum Zirconium Chlorohydrate
Complexes Super Dry Actives: Formulation