

AEROSOL ANTIPERSPIRANT

RAW MATERIALS	% By Weight
REACH	10.0
Isopropyl Myristate	13.4
Bentone 38	0.8
Alcohol SDA-40	0.8
Propellant A-46	75.0
(80% Isobutane/20% Propane)	100.0

Procedure for Formulation A:

1. Disperse Bentone in IPM using a homomixer or other suitable high-shear mixing apparatus. Mix 15 minutes.
2. Add SDA-40 and continue mixing at high speed for 30 minutes or until a thick gel forms.
3. Using low-shear overhead mixing, gradually blend in the REACH in small increments, making sure each addition is blended into the batch before making another addition. After all the active is in, continue mixing for 30 minutes.
4. Pass the concentrate through a 60 mesh screen to remove any large agglomerates, then homogenize at 6000 psi.
5. Fill epoxy-lined aerosol cans with suitable amount of concentrate, evacuate air from the can and charge with either A-46 or A-31 propellant.

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RAW MATERIALS	% By Weight
REACH	3.5
Dimethicone	5.9
Bentone 34	0.3
Alcohol SDA-40	0.3
Propellant 11	45.0
Propellant 12	45.0
	100.0

Procedure for Formulation B:

1. Disperse Bentone in Dimethicone using a homomixer or other suitable high-shear mixing apparatus. Mix 15 minutes.
2. Add SDA-40 and continue mixing at high speed for 30 minutes or until a thick gel forms.
3. Gradually blend in the REACH using low-shear overhead mixing. Add REACH in small increments, making sure each addition is blended into the batch before making another addition. After all of the active is in, continue mixing for 30 minutes.

SOURCE: Reheis Inc.: "REACH" for the future: Formulations
Table IV A, B