



Antiperspirant Solid Stick with Intelimer® 13-6 Polymer Formulating Guide A003

Description

Antiperspirant solid stick with Intelimer 13-6 polymer is designed to provide non-whitening, non-greasy, non-tacky, and control release of actives. Intelimer IPA 13-6 is used as an oil phase thickener and/or structuring agent.

Procedure:

1. Combine all the ingredients in the following order in a vessel while stirring and begin to heat.
2. Continue to stir and heat until all the ingredients are completely dispersed and uniform. This should happen at a temperature of 75-80 °C.
3. Once mixture is uniform start to cool.
4. Continue to cool the formulation, at 70-72 °C pour batch into proper mold.

Typical Properties

(not to be used as specifications)

Appearance	stick
pH	n/a
Stability	Passed 4 month 50 °C
Viscosity (cPs)	stick

For Samples or More Information

If you would like additional information or technical assistance in preparing specific formulations, write or call Air Products.

Ingredient / Trade Name	INCI Designation	%W/W	Function	Supplier
Probutyl 14	PPG-14 Butyl ether	13.9	Skin Conditioner	Croda
Castro Wax NF	Hydrogenated Caster oil	4	Structurant	Caschem
Lanette® 18	Stearyl Alcohol	6.0	Structurant	Cognis
Finsolve TN	C12-15 Alkyl Benzoate	5.3	Emollient	Finetex
SF 1202	Cyclopentasiloxane	39.5	Emollient	GE Silicone
Intelimer® IPA 13-6	Poly C10-30 alkyl acrylate	5.0	Thickener/Control release of Actives	Air Products
(Fumed) Silica	Silica	3.0	Slip Aid	Degussa
AAZG-7167 (80% Active)	Aluminium Zirconium Tetra Chlorohydrate Gly	23.1 (18.48% active)	Antiperspirant active	Summit Research Lab
LiquaPar oil	Isopropylparaben (and) Isobutylparaben (and) Butylparaben	0.2	Preservative	ISP

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Pub. No. 165-07-023-GLB

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