



Lipstick with Intelimer® 13-6 Polymer Formulating Guide C002

Description

Lipstick with Intelimer 13-6 polymer is designed to provide a non-greasy, non-tacky, and transfer resistance lipstick with long lasting color. Intelimer 13-6 is used as an oil phase thickener and/or structuring agent.

Procedure

1. Combine all ingredients in the following order in a vessel while stirring and begin to heat.
2. Continue to stir and heat until all 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 a proper mold.

Typical Properties

(not to be used as specifications)

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

Ingredient / Trade Name	INCI Designation	%W/W	Function	Supplier
Eutanol® G	Octyldodecanol	24.7	Emollient	Cognis
Isopropyl Palmitate	Isopropyl Palmitate	15.0	Emollient	
Uvinul® MC 80	Octinoxate	7.5	Sunscreen Active	BASF
Uvinul® M 40	Benzophenone-3	5.0	Sunscreen Active	BASF
Mineral Oil	Mineral Oil USP	27.5	Emollient	
Aerosil™ 200	(Fumed) Silica	2.0	Slip Agent	Degussa
Castro Wax NF	Hydrogenated Caster Oil	4.5	Structurant	Caschem
Intelimer IPA 13-6	Poly C10-30 Alkyl Acrylate	10.0	Oil Thickener	Air Products
50% Titanium Dioxide 50% Caster Oil (COD 8008)	Titanium Dioxide [and] Ricinus Communis [Castor] Seed Oil	2.5	Gloss agent	Sun Chemical
LiquaPar Oil	Isopropylparaben (and) Isobutylparaben (and) Butylparaben	0.1	Preservative	ISP

For Samples or More Information

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

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