



Lip-gloss with Intelimer® 13-6 Polymer Formulating Guide C003

Description

Lip-gloss with Intelimer 13-6 polymer is designed to provide a non-greasy, non-tacky, and easy to apply lip-gloss. Intelimer 13-6 is used as an oil phase thickener and/or structuring agent.

Procedure

1. Combine all the ingredients in the listed order, **except** the last two ingredients, in a vessel while stirring and begin to heat.
2. Continue to stir and heat until 80-82 °C, then the last two ingredients.
3. Continue stirring until mixture is uniform then start to cool.
4. Pour batch into proper mold at 70-72 °C.

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	26.3	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	30.0	Emollient	
Castro Wax NF	Hydrogenated Caster Oil	4.5	Structurant	Caschem
Intelimer IPA 13-6	Poly C10-30 Alkyl Acrylate	10.0	Thickener	Air Products
50% Titanium Dioxide 50% Caster Oil (COD 8008)	Titanium Dioxide [and] Ricinus Communis [Castor] Seed Oil	1.6	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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