



Lipstick with Intelimer® 13-6 Polymer Formulating Guide No. C001

Description

Lipstick with Intelimer 13-6 polymer is designed to provide non-greasy, non-tacky, and transfer resistance with long lasting color.

Procedure

- 1. Pigment Preblend:** Heat Caster Oil to 75-80 °C and add the rest of the ingredients in small increments. Mix until lump free. Allow the mixture to cool to room temperature.
- 2. Lipstick:** Combine ingredients in the listed order in a main vessel and begin heating to 75-80 °C while stirring. Continue to stir until all ingredients are completely dispersed and uniform. Once uniform, pour batch into a 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

Lipstick Formulation With Intelimer 13-6

Ingredient / Trade Name	INCI Designation	%W/W	Function	Supplier
Isopropyl Palmitate	Isopropyl Palmitate	35.8	Emollient	Stepan
Lanolin oil	Lanolin oil	2.5	Emollient	
Dermol® 99	Isononyl Isononanoate	3.1	Emollient	Alzo
Eutanol® G	Octyldodecanol	3.2	Emollient	Cognis
Liponate 2-DH	PEG-4 diheptanoate	6.4	Emollient	Lipo
Pigment preblend	See other side	38.8	Color	
LiquaPar® oil	Isopropylparaben (and) Isobutylparaben (and) Butylparaben	0.2	Preservative	ISP
Intelimer IPA 13-6	Poly C10-30 alkyl acrylate	10.0	Thickener	Air Products

Pigment Preblend

Ingredient / Trade Name	INCI Designation	%W/W	Function	Supplier
Caster Oil	Ricinus Communis [castor] seed oil	96.81	Dispersing agent	CasChem
Black iron oxide (C33-7734)	Black iron oxide[and] ricinus communis [castor] seed oil	0.44	Color	Sun Chemical
D&C Red #27 (30% Dispersion) C14-023	D&C Red #27 Aluminum Lake [and] ricinus communis [castor] seed oil	1.5	Color	Sun Chemical
D&C Red #7 (30% Dispersion) C19-021	D&C Red #7 Calcium Lake [and] ricinus communis [castor] seed oil	1.0	Color	Sun Chemical
Cosmetic Russet (50% Dispersion C33-5138)	Iron Oxide [and] ricinus communis [castor] seed oil)	0.25	Color	Sun Chemical

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.

Air Products and Chemicals, Inc.

7201 Hamilton Boulevard

Allentown, PA 18195-1501 U.S.A.

Telephone: 800-345-3148

(Outside the U.S. and Canada 610-481-6799)

Fax: 610-481-4381

<http://www.airproducts.com>

tell me more

www.airproducts.com/personalcare

©Air Products and Chemicals, Inc., 2008

Pub. No. 165-07-010-GLB-Sep08

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.