

Soft Putty

ProTec Soft Putty with **Cetpro Style AMPS** for tamed and clean cut styles. A non sticky formulation which leaves no residue applying a flexible hold.

Directions for use: Rub a small amount between the palms and rub evenly through the hair.

Manipulate into desired style with finger tips.

Trade Name	INCI Name	Function	%W/W	Supplier
1 Water	Aqua	Solvent	56	
2 PVP K-30	PVP	Styling Resin	3	IMCD (Ashland)
3 Cetpro Style AMPS	Methacrylic acid/sodium acrylamido methyl propane sulfonate copolymer	Styling Resin	5	ProTec Ingredia Ltd
4 Syncrowax HRC	Tribehenin	Structurant	6	Croda
5 Emulsionante ELH-40	PEG-40 Hydrogenated Castor Oil	Emollient	10	Azelis
6 Crodacol S95	Stearyl Alcohol	Co-Emulsifier	6	Croda
7 Petroleum Jelly	Petrolatum,	Emollient	8	Azelis
8 Floraesters 70	Jjoba Esters	Structurant	1	Floratech Via ProTec Ingredia
9 Crodaphos CES	Cetearyl Alcohol (and) Dicetyl Phosphate (and) Ceteth-10 Phosphate	Emulsifier	2	Croda
10 Cetpro Thix 305	Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7	Thickener	2	ProTec Ingredia Ltd
11 Euxyl® PE9010	Phenoxyethanol & Ethylhexylglycern	Preservative	1	Schulke UK

ProTec Ingredia Ltd

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Registered in London No. 07517784 VAT No. GB 100 2120 14

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Method of Manufacture

Into the main vessel add:

Purified Water Start the mixer on a fast speed.

PVP K30 Mix until dissolved.

Cetpro Style AMPS Mix until uniform.

Reduce the mixer speed to slow and commence heating the bulk to 75-80C

Into a suitable premix vessel add:

PEG-40 Hydrogenated Castor Oil

Stearyl Alcohol

Tribehenin

Petrolatum

Floraesters 70

Crodaphos CES Commence heating to 75-80C

When both vessels are at 75-80C add the premix vessel into the main vessel:

Increase the mixer speed to fast and mix for 10 minutes maintaining the temperature.

Into the main vessel add:

Euxyl® PE9010

Cetpro Thix 305

Change to a paddle or gate stirrer and reduce the mixer speed to moderate/slow.

Adjust the mixer speed as the batch thickens and cools ensuring adequate batch turnover.

When the bulk reaches 50C pack into suitable packaging.

Product Specifications

pH 5.70-6.70

Viscosity N/A

Colour White

Appearance Soft Solid Opaque Putty

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