

Soft Clay with Cetpro Style AMPS

ProTec Soft Clay with **Cetpro Style AMPS** for tamed and clean cut styles. A non sticky formulation leaving no residue and flexible hold.

Directions for use: Warm a small amount of the clay in your hands and rub evenly through the hair. Manipulate into desired style with the finger tips.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Purified Water	Aqua	Solvent	55.25	
2	PVP K-30	PVP	Styling Resin	3	IMCD (Ashland)
3	Cetpro Style AMPS	Aqua (and) Methacrylic acid/sodium acrylamido methyl propane sulfonate copolymer (and) Sodium Benzoate	Styling Resin	5	ProTec Ingredia Ltd
4	Emulsionante ELH-40	PEG-40 Hydrogenated Castor Oil	Emollient	10	Azelis
5	Crodacol S95	Stearyl Alcohol	Co-Emulsifier	6	Croda
6	Syncrowx HRC	Tribehenin	Structurant	6	Croda
7	Petroleum Jelly	Petrolatum,	Emollient	5	Azelis
8	Floraesters 70	Jjoba Esters	Emollient Ester	1	Floratech Via ProTec Ingredia
9	ZENIVEG™	Octyl dodecanol, Euphorbia Cerifera (Candelilla) Wax, Stearyl Behenate, Polyhydroxystearic acid, Behenic Acid, Cetyl Stearate, Stearyl Stearate	Emollient Ester	3	Zenitech Via ProTec Ingredia
10	Crodaphos CS20A	Cetearyl Alcohol (and) Ceteth-20 Phosphate (and) Dicetyl Phosphate	Emulsifier	2	Croda
11	Mattewax 511	Polypropylene	Mattifier	1	Micro Powders INC Via ProTec Ingredia
12	Uniphen NIB	Phenoxyethanol, Methylparaben, Ethylparaben, Butylparaben, Propylparaben.	Preservative	0.75	Givaudan Via ProTec Ingredia
13	Sepigel E305	Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7	Thickener	2	Seppic

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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 moderate fast speed.	
PVP K-30	Mix until dissolved.	
Cetpro Style AMPS	Mix until uniform.	Reduce mixer speed to slow. Commence heating to 80C.

Into a suitably sized premix vessel add:

PEG-40 Hydrogenated Castor Oil		
Stearyl Alcohol		
Tribehenin		
Petrolatum,		
Floraesters 70		
ZENIVEG™		
Crodaphos CS20A		
Mattewax 511		Commence heating to 80C.

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

Increase the mixer speed to fast and mix for 10 minutes maintaining the temperature 80C.

Into the main vessel add:

Uniphen NIB	Mix until dispersed and no lumps remain.	
Sepigel E305	Mix until dispersed and no lumps remain, the product will thicken up at this stage.	
		Commence cooling the batch to 50C.

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

Adjust the mixer speed accordingly as the batch cools and thickens 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/clay

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