

## Nail polish formulation—chrome/mirror-effect nail polish with Eastman cellulose acetate butyrate

Part	Ingredient/INCI name	Wt%	Product name and suggested manufacturer
A	Cellulose acetate butyrate	70.1	CAB-381 20 (10%)/Eastman Chemical Company
B	Stearalkonium bentonite	10.0	Tixogel-MPZ (7%)/BYK Chemie
C	Sucrose acetate isobutyrate	0.7	SAIB 90 EA/Eastman Chemical Company
D	Aluminum powder/ethyl acetate	1.8	Metalure® A31017 (10% aluminum)/Eckart
E	Butyl acetate	17.4	<i>n</i> -Butyl acetate/Eastman Chemical Company*

### Procedure

1. Prepare 10% solution of part A in 60:40 ethyl acetate:butyl acetate on a high-shear mixer.
2. Make a 7% pregel of part B in 60:40 ethyl acetate:butyl acetate on a high-shear mixer.
3. Blend parts A, B, and C together on a paddle stirrer.
4. Carefully mix part D into this blend using mild agitation to avoid damaging flake.
5. Dilute to application viscosity with part E.
6. Pour mixture into nail polish bottle.

\*Check with your Eastman representative for availability in your region.





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