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formula # 12730-58-7

## volume stay spray foam

## ingredients

Provides shine, structure and exceptional styling properties

N-Hance CCG-45 Creates a Iuxurious foam and conditions hair leaving it feeling soft

Lifts roots and imparts fullness and manageability to the hair

### typical properties

**Buiobuo** 

description: opaque white solution PH: 5.25 ± 0.25 viscosity (cP@12rpm, 25°C): 76.5 ± 0.50 Aerosal Spray Mousse Valve: Aptar 0.016 stem. 0.016 body, no vt, 0.122 dt. Actuator: Aptar 0.020 Serena IICan: Exal, PAM lined Aluminum 0.020 Serena IICan: Exal, PAM lined Aluminum stability/challenge information; 3 month 50°C complete, 1 yr 25°C

> tormula # 1530-28-2sbray toam

#### description

Liven up your look with Volume Stay Spray Foam. This sprayable foam produces lasting volume and style-ability, with radiant sheen and a satiny smooth feel. Perfect for getting that voluminous blow-out.

Invigorates hair giving it body,



# volume stay spray foam

formula # 12730-58-7

ingredients / Trade Name	INCI Name	%W/W	Supplier
phase a			•
Deionized Water	deionized water	20.00	
Gantrez™ \$P-215	ethyl ester of PV/MA copolymer	5.00	Ashland
AMP Ultra PC 2000	aminomethyl propanol	0.46	Angus
phase b	· ·		·
Deionized Water	deionized water	58.86	Diversified CPC
N-hance™ CCG-45	guar hydroxypropyltrimonium chloride	0.50	Ashland
Ritalac* LA	lactic Acid	0.05	Rita
additional ingredients			·
Aquaflex™ XL-30	polyimide-1	3.33	Ashland
Jeecol OA-20	oleth 20	0.40	Jeen
Varisoft 432 CG	dicetyldimonium chloride	0.15	Evonik
Belsil AME 6057	amodimethicone / centrimonium chloride / trideceth-10	0.50	Wacker
Lubrajel NP	glycerin / glyceryl acrylate /acrylic acid copolymer	0.25	Ashland
Optiphen™	phenoxyethanol / caprylyl glycol	0.50	Ashland
Dimethyl ether	dimethyl ether	6.67	Chemours
Hydrocarbon A-46	propane/isobutane	3.33	Diversified CPC
total		100.00	

\*trademark of a third party resin solids % / total styling polymer solids %

Procedure

- 1. Add phase a deionized water to side vessel and begin mixing.
- 2. Add AMP ultra PC 2000.
- 3. Add Gantrez<sup>™</sup> SP-215 resin into vortex. Allow to completely dissolve.
- 4. Add phase b deionized water to main vessel and begin mixing.
- 5. Add N-Hance<sup>™</sup> CCG-45 to vortex.
- 6. Allow to disperse and add the lactic acid. Mix for 45-60 minutes.
- 7. Slowly add phase a to phase b while mixing vigorously.
- 8. Add Aquaflex™ XL-30 and mix until uniform.
- 9. Add additional ingredients individually and mix until uniform.
- 10. Fill into cans, vacuum crimp, and charge with propellant.

