

Glittering Style Control Spray Gel

S-G0061(EU)

With its sparkly, sunny appearance, this spray is the ultimate accessory. The glitter enhances your daily hair style while the humidity resistance and style control provided by **Fixate™* Freestyle Polymer** helps to tame wild fly-aways. The styling polymer also allows easy distribution through long hair, and its combination with **Glucquat™* 125 Humectant** imparts a smooth feel for soft and elegantly controlled hair.

	INCI Name, Trade Name	Weight %	Function
A.	1. Deionized Water	89.95	Diluent
	2. Acrylates Crosspolymer-3, Fixate™* Freestyle Polymer (31 %TS)	4.59	Hair Fixative
	3. Aminomethyl Propanol, AMP-Ultra™ PC 2000 (95%)	0.44	Neutralizer
	4. Phenoxyethanol (and) Ethylhexylglycerin, Euxyl® PE 9010	1.00	Preservative
	5. Lauryl Methyl Gluceth-10 Hydroxypropylidimonium Chloride, Glucquat™* 125 Humectant (25% active)	1.00	Conditioner
	6. Anthemis Nobilis Flower (Chamomile) Extract, Propylene Glycol (and) Water, Vegeto® Roman Chamomile LC 376 Hydro	2.00	Botanical Extract
	7. Benzophenone-4, Uvinul® MS 40	0.10	UV Absorber
	8. Yellow 10 (CI 47005), D&C Yellow No. 10 (0.1% solution)	0.70	Dye
B.	9. Parfum (Fragrance), Agapimu 49362004	0.10	Fragrance
	10. PEG-40 Hydrogenated Castor Oil, Trideceth-9, Propylene Glycol (and) Water, Solubilizer 660352	0.10	Solubilizer
C.	11. Synthetic Fluorophlogopite (and) Titanium Dioxide, Sunshine® Super Glitter White	0.013	Glitter
	12. Synthetic Fluorophlogopite (and) Titanium Dioxide, Sunshine® Super Glitter Golden	0.004	Glitter

Product Properties:

Appearance	Yellow gel with glitter
pH	7.0 – 7.5
Viscosity (mPa·s)**	3,500 – 4,500
Yield Value (dyn/cm ²)	200 – 350
Clarity (%T)***	90 – 94 (without glitter & dye)
Mechanical Stiffness, Force (Newtons)****	5.6 N (+/- 0.4 N)
HHSCR (% , after 8 hrs)*****	52.5% (+/- 3.4%)
Stability: Passed 2 months @ 25, 45°C, Passed 1 month @ 55 °C , Passed 5 F/T cycles	

Recommended Packaging- Spray bottle
--Spray head: SP18415/C/ST1
-- Manufacturer: Raepak Limited (UK)

**Brookfield RVT Viscometer @ 20 rpm, 25°C, #6 spindle, measured after 24 hours
***Brinkman Probe Colorimeter PC950
****Stiffness: Texture Analyser XT Plus (50% relative humidity and 23°C)
*****HHSCR: 90% relative humidity at 25°C

Supplier References:

Lubrizon Advanced Materials, Inc.
(Noveon® Consumer Specialties) (2, 5)
Dow/Angus (3)
Schülke & Mayr (4)
Gattefossé (6)
BASF (7)
Drom (9)
Symrise (10)
Sun Chemical (11, 12)

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For more information visit www.personalcare.noveon.com or contact your nearest Lubrizon Advanced Materials location.

Procedure:

- PART A:** Add **Fixate™* Freestyle Polymer** to Deionized Water with gentle mixing.
- Neutralize with **AMP-Ultra™ PC 2000**. Mix until uniform.
- Add remaining **PART A** ingredients to the batch in order while mixing. Mix well between each addition. Mix until uniform.
- PART B:** In a separate vessel, mix **PART B** ingredients. Mix until uniform.
- Add **PART B** to **PART A** with mixing. Mix until uniform.
- Add the Glitter to the batch using gentle agitation. Mix until uniform.

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