

## Hair Spray: Shake before use, Two phases: Milky and Clear

Formulation 01655

### ATTRIBUTES

- Shake before use
- Two phases: Milky and Clear

### DOW CORNING® PRODUCTS

- DOW CORNING® 556 FLUID
- DOW CORNING® 8500  
CONDITIONING AGENT
- DOW CORNING® ES-5227 DM  
FORMULATION AID

### XIAMETER® PRODUCTS

- XIAMETER® OFX-0193 FLUID
- XIAMETER® PMX-0345  
CYCLOSILOXANE BLEND
- XIAMETER® PMX-1502 FLUID

Ingredient	Wt. %	Trade Name/Supplier
<b>Phase A</b>		
1. C11-C13 Isoparaffin (and) Dimethiconol (and) Isohexadecane (and) Dimethicone	3	XIAMETER® PMX-1502 FLUID
2. Cyclopentasiloxane (and) Cyclohexasiloxane	4	XIAMETER® PMX-0345 CYCLOSILOXANE BLEND
3. Phenyl Trimethicone	0.9	DOW CORNING® 556 FLUID
4. Bis (C13-15 Alkoxy) PG Amodimethicone	0.4	DOW CORNING® 8500 CONDITIONING AGENT
5. Polysorbate 20	1	
6. Dimethicone (and) PEG/PPG- 18/18 Dimethicone	0.4	DOW CORNING® ES-5227 DM FORMULATION AID
<b>Phase B</b>		
7. Water	84.8	
8. Propylene Glycol	3	
9. Polyquaternium-7	1	
10. Sodium Chloride	0.2	
11. PEG-12 Dimethicone	0.5	XIAMETER® OFX-0193 FLUID
12. Hydrolyzed Vegetable Protein PG-Propyl Silanetriol	0.5	Keravis / Croda
13. Preservative (choice)	0.3	

### Procedure

1. Mix phase A ingredients in order listed
2. Mix phase B ingredients together until all ingredients are completely dissolved
3. Add phase B to phase A with mixing.
4. Continue mixing for an additional 5 minutes.
5. Adjust pH with Citric Acid, if necessary.

### Variations

Alternative Dow Corning® Products have not been tested as of this printing.

### Stability

Stable for at least 2 months at room temperature and 40°C. Passes 3 freeze-thaw cycles

### External Reference Material

No external references identified as of this printing.

### **Dow Corning® Application Patents**

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