



Vitamin Balls Vending Primer

Serum pearls and transparent gels with suspended soft beads are currently booming within today's market. **Vision Beads**, from Impact Colors, deliver unparalleled consistency and controlled micro-encapsulation of actives like vitamins, cooling agents, oils, extracts, actives and fragrance. Vision Beads impart a smooth feeling on the skin while leaving no residue. Within this primer multi-coloured beads filled with Vitamin E, are suspended in an aqueous gel thanks to the excellent suspension properties of **Aculyn™ 88**. **UCON™ 75-H-450** is a water-soluble moderate-viscosity fluid providing emolliency, solvency, and slip on the skin.

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PERSONAL CARE

	Trade name	INCI name	Supplier	%	
A	1	Water (Aqua)	Univar*	71.0	
	2	Aculyn™ 88	Acrylates/Stearth-20 Methacrylate Crosspolymer	Dow Personal Care/Univar*	4.0
	3	NaOH (33% in water)	Sodium Hydroxide	Univar*	0.3
	4	Butylene Glycol	Butylene Glycol	Univar*	4.0
	5	Makimousse 12	Sodium Polyacrylate Starch	Daito Kasei	0.6
B	6	Ucon™ 75-H-450	PEG/PPG-17/6 Copolymer	Dow Personal Care/Univar*	5.0
	7	Kem plus 2	Phenoxyethanol and Iodopropynyl Butylcarbamate	Akema/Univar *	0.5
C	8	NaOH (33% in water)	Sodium Hydroxide	Univar*	0.1
D	9	Mix Vision Beads with Vitamin E VC-MX-VE-M-IMP	Manitol, Cellulose, HPMC, Titanium Dioxide, Ultramarine Blue, Red Iron Oxide, Yellow Iron Oxide, Chromium Oxide Green, Vitamin E	Impact Colors/Univar*	14.5

* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

Procedure (Cold Process)

1. Solubilize Aculyn™ 88 into water. Neutralize this solution by slowly adding Sodium Hydroxide under stirring until homogeneous and clear. This is phase A.
2. Mix ingredients of phase B.
3. Add phase B into phase A under very gentle stirring until homogeneous.
4. Adjust pH of this blend around 7.0 if needed with phase C.
5. Add phase D while gently mixing.

Stability

Stable for at least 3 months at room temperature and 40°C.

Comments

- Viscosity (spindle 6 ; 0.3 rpm ; 1 min) = 2,440,000 cPs (73.4%)
- pH = 7.14
- Clear gel with suspended coloured beads stored in a pump jar. Once the product is delivered via the pump, the beads are broken.
- Formula issued from “Fireworks - Perfecting Primer” (ref – 240212.A(U)) formulation.

Reference: 161214.CC(U)

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