



Product Data Sheet

Rev. 01/12

SYLVASOL™ 200 Specialty Polymer

INCI Name: Polyamide-7

SYLVASOL™ 200 is a low molecular weight bio-based polymer. It is especially suitable for use as a film former in ethanol based personal care formulations.

Features	Benefits
High bio-based content	Sustainable, not petroleum derived
Low molecular weight, hydrophobic polymer	Compatible with a wide range of cosmetic actives
	Forms smooth films with low tack, gloss and soft skin feel
	Imparts water repellency to formulations
	No balling or flaking on the skin after drying
	Does not contribute to skin tightening
	Retains actives and fragrance on skin

Applications

For use as a film former in ethanol based personal care formulations (continuous sunscreen sprays, fragrances).

Use Instructions

Polymer must be dissolved in ethanol (>30°C) prior to addition to formulation. Solutions below ~15% polymer solids (without organic sunscreen actives) may precipitate at room temperature.

Typical Properties

Bio-based (non-petroleum carbon) content, %	89
Softening Point °C, Cup & Ball	~128
Color, Gardner	< 6
Acid Number	< 7
Amine Number	< 2
Refractive Index	1.506
Specific Gravity at 25°C	0.97
Flash Point, °F, Cleveland Open Cup	540
Tg, °C	-10

CASRN	SYLVASOL 200 is on the confidential TSCA Inventory under EPA Accession No. 10287.
Packaging	Resin is available in pastille form packaged in lined fiber drums, 60 lb net.
Handling & Storage	This polymer is hard at room temperature, compacting should not occur during storage. Pellets will pour freely from the fiber drum. The resin should be stored in closed drums at room temperature or below.



Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL (800) 526-5294
Sales Service: Almere, The Netherlands +31 36 5462 800
www.arizonachemical.com

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