

## BioJelly

### Specification Sheet

**Description:** Natural, biodegradable elastomer gel with enhanced compatibility with polar materials such as natural oils and organic sunscreens. Viscosity 100,000-300,000cP, non-volatile matter 61-67%.

**CAS:** 95912-86-0, 620-67-7,8001-79-4, 112-40-3

**INCI Name:** Coco-caprylate/caprato, triheptanoin, C9-12 alkane, dilinoleic acid/propanediol/PDI crosspolymer

**Composition:** Coco-caprylate/caprato, triheptanoin, C9-12 alkane, dilinoleic acid/propanediol/PDI crosspolymer

**Appearance:** Translucent gel

**Benefits:**

- Natural silicone substitute with soft moisturizing feel, great emolliency, and luminous appearance.
- Offers unique sensory aesthetics and skin feel.
- Compatible with natural oils and various polar materials incl. sunscreens.
- Stable carrier for active ingredients.
- Can be formulated into oil-in-water or water-in-oil emulsions, anhydrous systems, and powders.
- Fully biodegradable, COSMOS approved, and USDA BioPreferred (ASTM D6866 C14).

**Use:** Add to oil phase of all emulsion types. Typical use level: 5-95%. Can also be used pure directly on the skin. For external use only.

**Applications:** Skin care, color cosmetics, body care, sun care, hair care.

**Solubility:** Oil-soluble

**Preservation:** Preservative-free

**Storage:** Store in a closed container at a dry place at room temperature. For long term storage, it is recommended to use glass packaging or co-extruded thick wall polyester, polyethylene terephthalate or phenolic type plastics when possible.

**Country of Origin:** USA

**Raw material source:** Vegetable oils, coconut oil



10800 231<sup>st</sup> Way NE  
Redmond, WA 98053  
Phone: 425-292-9502  
makingcosmetics.com

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**Animal Testing:** Not animal tested.

**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components.

**HS Code:** 3208100000