



DOW

®

Attributes

- Ultra long lasting
- Semi-permanent wear
- Water/sweat resistance
- Rub-off resistance
- Comfort wear

Featured products

- DOWSIL™ EL-7314 Silicone Elastomer Blend
- DOWSIL™ 3903 Liquid Satin Blend
- DOWSIL™ VM-2270 Aerogel Fine Particles

CPF 4423

Tattoo

Anhydrous tattoo formulation

Tattoo (CPF 4423)

Anhydrous tattoo formulation

Phase	Trade name / Supplier	INCI name	% Wt.
A	DOWSIL™ EL-7314 Silicone Elastomer Blend / Dow	Isododecane (and) Hexyl/Succinyl Dimethicone Crosspolymer	46.9
	DOWSIL™ 3903 Liquid Satin Blend / Dow	Isododecane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	1.7
	Isododecane	Isododecane	21.3
B	Sun Chemical Intenza Blue Lagoon Uncoated Pigment	FD&C Blue 1 Al Lake, Mica and TiO ₂	16.2
	Ultrafine Iridescent Glitter	Polyethylene Terephthalate, Acrylates Copolymer	0.9
	Isododecane	Isododecane	12.9
	DOWSIL™ VM-2270 Aerogel Fine Particles / Dow	Silica Silylate	0.1

Disclaimer: Contained in this package is a sample prepared as per the formulation described on this card. Any variation in the formulation may cause performance to change.

Procedure:

1. Add Phase A components in order. The DOWSIL™ EL-7314 Silicone Elastomer Blend should be stirred with high-shear mixing to break up any large chunks.
2. Add DOWSIL™ 3903 Liquid Satin Blend to DOWSIL™ EL-7314 Silicone Elastomer Blend under vigorous stirring (~ 1300 rpm) along with 1/3 of the Phase A isododecane.
3. Add 1/3 more of the isododecane and continue high-shear mixing.
4. Add the last 1/3 of isododecane and stir at ~1300 rpm until homogeneous.
5. In a secondary container, add Phase B components in order and stir at ~ 500 rpm until homogeneous.
6. Add Phase B to Phase A, under-mixing at ~500 rpm, and stir until homogeneous.

dow.com/personalcare

Images: dow_65733012129, dow_65733013738

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

© 2021 The Dow Chemical Company. All rights reserved.

2000009164

Form No. 27-2997-01-0321 S2D