



DOW

**All Protect
Sunscreen
(CPF 4650)**

All Protect Sunscreen (CPF 4650)

One formulation that can be used from face to body, offering protection and ease to wear.

Phase	Trade name / Supplier	INCI name	% Wt.
A	DOWSIL™ ES-5600 Silicone Glycerol Emulsifier / Dow	Cetyl Diglyceryl Tris(Trimethylsiloxy)silylethyl	5.0
	DOWSIL™ 556 Cosmetic Grade Fluid / Dow	Phenyl Trimethicone	1.5
	XIAMETER™ PMX-0245 / Dow	Cyclopentasiloxane	18.0
	DOWSIL™ FZ-3196 Fluid / Dow	Caprylyl Methicone	1.5
	Zinc Oxide / Dow	Zinc Oxide	9.6
	Parosol TX / DSM	Titanium Dioxide (and) Silica (and) Dimethicone	8.0
	Neo Heliopan 303 / Symrise	Octocrylene	5.0
B	Water	Water	48.9
	SunSpheres™ BIO SPF Booster / Dow	Microcrystalline Cellulose	2.0
C	Noelone PH 100 Preservative / DuPont	Phenoxyethanol	0.5

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.

Processing instructions:

1. Mix phase A ingredients and disperse with turrax until the mixture is completely homogenized.
2. In a separate vessel mix phase B ingredients until complete dispersion.
3. Slowly add phase B to phase A, mixing up to 2000 rpm and homogenize for 10 minutes.
4. Add preservative and mix.

Benefits: Contains organic and inorganic filters, suitable for body and face, cold-process

www.dow.com/personalcare

Images: dow_73771831876, dow_58200072315

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

© 2023 The Dow Chemical Company. All rights reserved.

2000024824-6805

Form No. 27-3606-01-1123 S2D