

## Guide Formulation

# Powder to foam with SIPERNAT® 50 S and SIPERNAT® 2200 PC

The high absorbent capacity of SIPERNAT® 50 S converts liquids into powder and SIPERNAT® 2200 PC ensures an even skin

PHASE	INGREDIENTS	INCI NAME	% W/W	FUNCTION
1	TEGO® Betain F 50	Cocamidopropyl betaine	6.65	Amphoteric surfactant
		Sodium lauryl ether sulfate	49.88	Anionic surfactant
	TEGOSOFT® LSE 65 K Soft	Sucrose cocoate	3.33	Hydrophilic emollient
	REWOPOL® SB FA 30 B	Disodium laureth sulfosuccinate	6.65	Anionic surfactant
2	SIPERNAT® 50 S	Hydrated silica	28.50	Carrier
3	SIPERNAT® 2200 PC	Hydrated silica	5.00	Exfoliating particle
		<b>Total</b>	<b>100.00</b>	

## PROCESSING

- Prepare and uniformly mix the liquid phase
- Intermittently add liquid mixture into SIPERNAT® 50 S using a mild blender, Hobart, to make carrier
- After making carrier, blend the carrier with SIPERNAT® 2200 PC

Note: All formulations have been subjected to stability tests and have been shown to perform well. However, formulators should always perform their own stability tests when adapting formulations and / or using raw materials from other sources.

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### EUROPE / MIDDLE EAST / AFRICA / LATIN AMERICA

#### Evonik Resource Efficiency GmbH

Business Line Silica  
Rodenbacher Chaussee 4  
63457 Hanau  
Germany

Phone +49 6181 59-12532  
Fax +49 6181 59-712532

ask-si@evonik.com  
www.evonik.com

### NORTH AMERICA

#### Evonik Corporation

Business Line Silica  
299 Jefferson Road  
Parsippany, NJ 07054-0677  
USA

Phone +1 800 233-8052  
Fax +1 973 929-8502

ask-si-nafta@evonik.com  
ask-si-nafta@evonik.com

### ASIA PACIFIC

#### Evonik (SEA) Pte. Ltd.

Business Line Silica  
3 International Business Park  
#07-18, Nordic European Centre  
Singapore 609927

Phone +65 6809-6877  
Fax +65 6809-6677

ask-si-asia@evonik.com