

Formulary Data

Antiperspirant Stick

DESCRIPTION: This solid antiperspirant stick utilizes **PERFORMALENE™ 400 Polyethylene** and **PERFORMACOL™ 425 Alcohol** as very efficient structurants. These products give the formula an easy glide and smooth feel while preventing oil bleed of the silicone.

	INGREDIENTS	% BY WEIGHT
Phase 1	PERFORMALENE™ 400 Polyethylene	2.4
	[Polyethylene]*	
	PERFORMACOL™ 425 Alcohol	9.6
	[C20-40 Alcohols]*	
	Cyclopentasiloxane ①	53.0
	Dimethicone ②	10.0
Phase 2	Aluminum Zirconium Tetrachlorohydrate GLY ③	25.0

PROCEDURE: Heat phase 1 to 90-95 °C with mixing until dispersed and uniform, covering to retain cyclopentasiloxane. Maintain temperature while adding phase 2 with high shear mixing continuing to homogenize until fully dispersed. Remove from heat and fill components.

- ① XIAMETER® PMX-0245 CYCLOPENTASILOXANE: Dow Corning Corporation
- ② XIAMETER® PMX-200 Silicone Fluid 100 CS: Dow Corning Corporation
- ③ Reach AZP-908: Summit Reheis

*CTFA / INCI Name

(Continued on next page...)

12645 West Airport Boulevard
Sugar Land TX 77478
TEL. +1-888-562-9797 | FAX +1-281-276-5669
newphase@bakerpetrolite.com
www.newphasepolymers.com



Because it has become common for purchasers of our products to file patents for specific end uses of our products, Baker Petrolite Polymers advises its customers to research their particular end use for possible intellectual property issues with respect to third party patents.

New Phase Technologies warrants to customer, but to no third parties or others, the specifications for the product referenced herein shall fall within a generally recognized range for typical physical properties of the product established by New Phase Technologies when the product departs New Phase Technologies' point of origin. Additionally, New Phase Technologies assumes no responsibility to update this information or provide notice of any relevant changes.

NEW PHASE TECHNOLOGIES MAKES NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE FOR THE PRODUCT. IT IS UNDERSTOOD BY CUSTOMER THAT NEW PHASE TECHNOLOGIES WILL GIVE THE CUSTOMER THE BENEFIT OF ITS BEST JUDGEMENT IN MAKING INTERPRETATIONS OF DATA, BUT DOES NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF SUCH INTERPRETATIONS. NEW PHASE TECHNOLOGIES' RECOMMENDATIONS CONTAINED HEREIN ARE ADVISORY ONLY AND WITHOUT REPRESENTATIONS AS TO THE RESULTS.

New Phase Technologies shall not be liable for any indirect, special, punitive, exemplary or consequential damages and losses, including, without limitation, damages for lost production, lost revenues, lost product, lost profits or lost business or business interruptions for any cause whatsoever including but not limited to its negligence, and customer releases New Phase Technologies in this regard.

PERFORMALENE, PERFORMACOL, and NEW PHASE TECHNOLOGIES are trademarks of Baker Hughes Incorporated.
© 2008 Baker Hughes Incorporated. All rights reserved.

PET-08-23395 (12/2012)