

# XIAMETER® PMX-1411 Fluid

**INCI NAME: Cyclopentasiloxane and Dimethicone**

## FEATURES

- Film forming
- Non-occlusive

## APPLICATIONS

XIAMETER® PMX-1411 Fluid could be potentially used as an ingredient in:

- Skincare
- Color cosmetics
- Haircare

## TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER® sales representative prior to writing specifications on this product.

Test	Unit	Value
Silicone content	%	100
Ultra high molecular weight polydimethylsiloxane		15
Viscosity	mm <sup>2</sup> /s	6000
Appearance		Clear liquid
Specific gravity at 25°C (77°F)		0.92
Refractive index at 25°C (77°F)		1.397
Cyclotetrasiloxane content (D4)	%	< 0.1
Flash point - closed cup	°C	70
	°F	158

## DESCRIPTION

XIAMETER PMX-1411 Fluid is a blend of approximately 15% of an ultra high viscosity polydimethylsiloxane in low viscosity cyclopentasiloxane.

- Under the chemical name Highly Polymerized Methyl Polysiloxane with the code 520396 for the CLS Categories: 17, 11: No limit. Not used in CLS Categories 8, 9, and 10.

## HOW TO USE

If temperature above 60°C (140°F) is being used to melt the oil phase, XIAMETER PMX-1411 Fluid should be added slowly after the formation of the emulsion below 60°C (140°F) using a high shear mixer.

## STORAGE

Product should be stored at or below 25°C (77°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER Web site in the Product Detail page under Sales Specification.

## REGULATORY STATUS

All components present in XIAMETER PMX-1411 Fluid are referenced in JCIC:

- Under the chemical name Decamethylcyclopentasiloxane with the code 520778 for the CLS Categories: 111: No limit

## LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection. Not intended for food use.

## **PRODUCT SAFETY INFORMATION**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER WEB SITE AT [WWW.XIAMETER.COM](http://WWW.XIAMETER.COM).

## **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

**DOW CORNING  
SPECIFICALLY DISCLAIMS  
ANY OTHER EXPRESS OR  
IMPLIED WARRANTY OF  
FITNESS FOR A  
PARTICULAR PURPOSE OR  
MERCHANTABILITY.**

**DOW CORNING DISCLAIMS  
LIABILITY FOR ANY  
INCIDENTAL OR  
CONSEQUENTIAL  
DAMAGES.**