



## Technical Data Sheet

### XIAMETER™ OFX-0230 Fluid

Mold release agent

#### Features & Benefits

- Excellent release of rubber and plastics
- Little or no interference with painting, coating or bonding applications of cleaned substrates

#### Composition

- Alkylaryl siloxane fluid

#### Applications

- XIAMETER™ OFX-0230 Fluid is used to release plastic and rubber components and act as an external lubricant for rubber parts in mechanical applications.

#### Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Physical Form		Liquid
Specific Gravity at 25°C (77°F)		1.000–1.012
Viscosity at 25°C (77°F)	cs	1125–1645
Refractive Index at 25°C (77°F)		1.4600–1.4640
Flash Point, Pensky-Martin Closed Cup, Minimum	°C (°F)	93 (200)
Suitable Diluents		Aromatics, aliphatics, chlorinated solvents

#### How to Use

For optimum performance, components produced using XIAMETER™ OFX-0230 Fluid should be cleaned prior to subsequent coating or bonding applications. Typically, routine solvent cleaning of the surface is all that is required. Accidental contact between components to be painted will not normally cause “fish eyes.” However, parts containing heavy applications of XIAMETER™ OFX-0230 Fluid, like any oil or grease, will likely exhibit slight “fish eyeing” or “orange peel” or lower adhesion if the surface is not properly cleaned.

The coating or adhesive system to be used in subsequent finishing operations should be evaluated for compatibility prior to use in fullscale production operations.

**How to Use (Cont.)**

XIAMETER™ OFX-0230 Fluid is typically diluted with a solvent before use. The ideal fluid concentration depends largely upon the application method. For spraying or brushing, 0.5 to 2.0 percent fluid concentrations are common. Suitable diluents include aromatics, aliphatics and chlorinated solvents.<sup>1</sup>

<sup>1</sup>When using any volatile solvent, always provide adequate ventilation. Follow precautions on the solvent container label.

**Handling  
Precautions**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life and  
Storage**

When between 15–40°C (60–105°F), XIAMETER™ OFX-0230 Fluid has a shelf life of 36 months from date of manufacture. Refer to product packaging for “Use By” date.

**Packaging  
Information**

XIAMETER™ OFX-0230 Fluid is supplied in 40 and 440 lb (18.1 and 199.5 kg) containers, net weight.

**Limitations**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

**Shipping  
Limitations**

None.

**Health and  
Environmental  
Information**

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, [dow.com](http://dow.com) or consult your local Dow representative.

**Disposal  
Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

**Product  
Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

## Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

dow.com

**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.

