



## Technical Data Sheet

# SYL-OFF™ 4000 Catalyst

### **BENEFITS**

- Accelerates speed of cure at a given temperature
- Reduces temperature required for cure

### **COMPOSITION**

- Liquid
- Reactive organo-platinum complex dispersed in polysiloxane

Catalyst for SYL-OFF™ solvent-based and solventless silicone release coatings

### **APPLICATIONS**

- Can be used in food-contact applications

### **TYPICAL PROPERTIES**

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

Parameters	Unit	Results
Appearance		Straw colored
Specific Gravity at 25°C (77°F)		0.96
Viscosity at 25°C (77°F),	cts	400
Flash Point, closed cup,	C° (°F)	46 (115)

### **DESCRIPTION**

SYL-OFF™ 4000 Catalyst is the standard catalyst included in SYL-OFF solvent-based and solventless silicone release coatings that are catalyzed by platinum. The addition of SYL-OFF 4000 Catalyst to the coating formulation can result in:

- Increased production speeds at a given cure temperature
- Cure temperature reduction, which can result in:
  - Energy savings
  - The capability to cure heat-sensitive substrates

### **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 [WWW.CONSUMER.DOW.COM](http://WWW.CONSUMER.DOW.COM), OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.**

## **USABLE LIFE AND STORAGE**

SYL-OFF 4000 Catalyst has a shelf life of 24 months from date of manufacture.

## **PACKAGING INFORMATION**

Available in a variety of container sizes.

## **LIMITATIONS**

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

High levels of SYL-OFF 4000 Catalyst should not be used against some acrylic adhesives.

## **MEDICAL STATUS**

This product may be suitable for medical applications without body/skin contact. Contact your local customer service representative for more information.

## **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, [www.consumer.dow.com](http://www.consumer.dow.com) or consult your local Dow representative.

## **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'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.

**TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.**

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

[www.syloff.com](http://www.syloff.com)



®Trademark of The Dow Chemical Company

UNRESTRICTED – May be shared with anyone

®™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

SYL-OFF™ 4000 Catalyst

© 2017 The Dow Chemical Company. All rights reserved.