



## Technical Data Sheet

# SYL-OFF™ 16 Crosslinker

### FEATURES & BENEFITS

- Solventless crosslinker
- Fast cure
- Enable formulation at ultra-low platinum level
- Good anchorage on many substrates, including polyethylene coated paper

Solventless silicone crosslinker

### APPLICATIONS

- Release coating for pressure sensitive laminate/label stock
- Single and double-sided industrial release papers
- Coatings for liners of technical adhesive tapes
- Non-stick packaging

### TYPICAL PROPERTIES

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

Property	Unit	Result
Form		Liquid
Chemical nature		Reactive siloxane polymer
Appearance		Clear colorless
Active ingredients	%	100
Specific gravity at 25°C	g/cm <sup>3</sup>	0.98
Viscosity at 25°C	mPa.s	18

### DESCRIPTION

SYL-OFF™ 16 Crosslinker is a 100% active solids silicone crosslinker. Recommended where optimum anchorage to substrate and good cure are required.

### HOW TO USE

SYL-OFF 16 Crosslinker is designed to be blended with SYL-OFF™ release coatings, release modifiers and catalysts.

**Table 1: Special formulation recommended for SYL-OFF 16 Crosslinker on polyethylene coated paper.**

Component	Parts by Weight
SYL-OFF™ SL 411 Release Coating	100
SYL-OFF™ 16 Crosslinker	5.4
SYL-OFF™ 4000 Catalyst	0.8

## **HANDLING PRECAUTIONS**

SYL-OFF 16 Crosslinker evolves hydrogen gas slowly with time. The gas evolution rate can be increased when the material is catalyzed or when contaminated with bases, heavy metals, or their compounds.

**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  
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OR FROM YOUR DOW SALES  
APPLICATION ENGINEER, OR  
DISTRIBUTOR, OR BY CALLING  
DOW CUSTOMER SERVICE.**

## **USABLE LIFE AND STORAGE**

SYL-OFF 16 Crosslinker has a shelf life of 12 months from the date of production. This product should be stored in an environment below 40°C (104°F).

## **PACKAGING INFORMATION**

SYL-OFF 16 Crosslinker is available in bottle packaging of 500 ml and pail packaging of 3 kg and 20 kg.

## **LIMITATIONS**

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

## **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.

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SYL-OFF™ 16 Crosslinker

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