



## Technical Data Sheet

### SYL-OFF™ 7046 Coating

For application on papers, films and foils

#### Features & Benefits

- Polymer dispersion in petroleum spirit
- Cures to give non-blocking, non-migratory release coating

#### Composition

- Solvent solution
- Reactive siloxane polymer

#### Applications

- Release coating for pressure sensitive laminate/labelstock
- Single and double-sided industrial release papers
- Coatings for liners of technical adhesive tapes
- Non-stick food grade packaging (in some conditions only, see "Food Contact")
- Film coating

#### Typical Properties

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

Property	Unit	Result
Form		Solvent solution
Chemical nature		Reactive siloxane polymer
Appearance		Clear to slightly hazy
Diluent		80–110°C petroleum spirit
Active ingredient	%	30
Specific gravity at 25°C (77°F)	g/cm <sup>3</sup>	0.78
Viscosity at 25°C (77°F)	mPa.s	7000
Flash point, closed cup	C° (F°)	-18 (-0.4)

#### Description

SYL-OFF™ 7046 Coating contains a highly flammable solvent – petroleum distillate.

Keep away from heat, sparks and naked flames.

**Description (Cont.)**

Use only with adequate ventilation in work and curing areas and avoid prolonged breathing of vapors.

Direct eye contact with this product may cause slight irritation which can be relieved by flushing with water for 15 minutes, followed by medical attention.

Rubber or plastic gloves and safety glasses should be worn when handling this product. If swallowed, do NOT induce vomiting but obtain medical attention.

This product has a low order of toxicity but may cause poisoning if the solvent is aspirated into the lungs.

**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**

When stored at or below 30°C (86°F) in the original unopened containers, this product has a usable life of 12 months from the date of production.

This material must be stored in a warehouse suitable for flammable materials.

The containers must be stored upright.

**Packaging**

This product is available in 150 kg drums.

Samples are available in 5 kg packages.

**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.

<http://www.syloff.com>

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