



Technical Data Sheet

SYL-OFF™ 7921 Release Modifier

Features & Benefits

- Wide range of release forces can be obtained
- Forms non-migratory, non-blocking coatings
- Good shear stability
- Low foaming potential
- Can be used as a release coating on its own to achieve highest release force

Applications

- Release modifier for pressure sensitive laminate/labelstock
- Industrial release papers
- Casting papers

Typical Properties

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

Property	Unit	Value
Form		Aqueous emulsion
Chemical nature		Complex reactive organofunctional siloxane
Appearance		Milky white
Active ingredient	%	40
pH		4.5
Specific gravity at 25°C (77°F)	g/cm ³	0.99
Flash point, closed cup	°C (°F)	> 100 (> 212)

Formulation Data And Information

Recommendations about how to use and formulate this product with other SYLOFF™ materials are provided in the SYL-OFF™ formulation guide, reference 30-013. More information about the use of SYL-OFF materials can be obtained from the technical service group.

Information about the range of release coating systems available is given in the SYL-OFF™ selection guide, reference 30-002.

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SYL-OFF™ 7921 Release Modifier

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Handling Precautions

SYL-OFF™ 7921 Release Modifier evolves hydrogen slowly on standing. In the presence of bases, heavy metals or their compounds, the rate of evolution of hydrogen gas increases. Such mixtures must be kept in vented containers and adequate ventilation provided during use to prevent the accumulation of hydrogen gas in the work area.

Keep away from heat, sparks and naked flames.

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.

Wash hands after handling this product, especially before eating, drinking or smoking.

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

Usable Life And Storage

When stored between 5°C (41°F) and 30°C (86°F) in closed but vented containers, this product has a usable life of 12 months from date of production.

The product must NOT be frozen as this will render it useless.

Vented containers must be stored upright.

Packaging Information

This product is available in 25 kg and 200 kg containers.

Samples are available in 5 kg packages.

Food Contact

SYL-OFF 7921 Release Modifier may be used in coating applications that eventually involve food contact. For specific details, please contact Dow as regulations vary from country to country.

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 or consult your local Dow representative.

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<http://www.syloff.com>

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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.

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