

Hydrophobic non-silicone release polymer for paper, film, and foil

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Chemistry Type	vinyl acrylic copolymer		
Solids Content	39	%	
pH Value	6.0		
Ionic Character	nonionic		
Viscosity (RVT #2, 20rpm, 25°C)	< 200	cP	
Release Level	easy to medium		

¹ internal method based upon the specified norm

Application Advice

Suncryl HP 98 hydrophobic non-silicone release polymer is suitable for paper, film and foil substrates providing an excellent balance of properties, utility, and cost efficiency.

- Non-silicone release chemistry
- Formulated with no APEs or fluorochemicals
- Very good release aging properties
- Very good balance of clarity, adhesion, water resistance, and low temperature cure on a variety of substrates
- Environmentally preferred water-based emulsion
- Ideal for tight release liners, medium release pressure-sensitive tapes, and protective film exposed to humid conditions

Suncryl HP 98 release coating is supplied at 36-45% solids with the intention that the customer will dilute to 20-30% solids before application. It is good practice to always stir the release coating prior to and after diluting. Release coatings may be applied to either the crepe or smooth side of the paper. Recommended coating application techniques include Mayer rod, knife, air knife, rotogravure and flexo gravure. A common application target dry coating level is 3.0-6.0 g/m for paper and 0.5-2.0 g/m for film. To obtain optimal adhesion to film, surface treatments are recommended. Reaching the recommended temperature is more important than the dwell time with which the web is exposed. We provide many primers and release products designed for the tape and label industry. Because the nature of tape and label products are influenced by the selection of adhesive, application techniques and use expectations, the system should be thoroughly tested in actual end-use conditions to ensure that the desired performance is achieved.

Shipping and Storage

The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 6 months from the date of delivery. Mix the contents thoroughly before using.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.