



# Surface Guard<sup>®</sup> PolyMask Protective Film 2E98

Technical Data

January, 2017

**Product Description** Surface Guard<sup>®</sup> PolyMask Protective Film 2E98 is a co-extruded multi-polymer backing coated with a very high-tack acrylic adhesive to help provide temporary protection for carpet and fabric interiors.

Product Construction	Backing	Adhesive	Color	Standard Roll Sizes
	Co-extruded multi-polymer	Acrylic-Based	Clear*	Custom

\* Contact your local SG PolyMask representative for additional information on colors.

**Typical Physical Properties** **Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.**

	Nominal Results	ASTM Test Method
Adhesion to Steel:	45oz./in. width (12.9 N/25 mm)	D-3330**
Tensile:	4500 PSI	D-882**
Elongation:	600%	D-882**
Total Tape Thickness:	3 mils (0.08 mm)	D-3652**

\*\* ASTM test references modified per internal test methods.

- Features**
- The high-tack adhesive unwinds easily, lies flat, creating a secure bond to the fabric.
  - Recommended for temporary protection of carpets and fabrics made from synthetic fibers.
  - Carpet protection against staining/soiling, in processing, handling, shipping and storage.
  - High adhesion and coating weight will wet out on many substrates with a low surface energy.

- Application Ideas**
- **Fabrics** – carpets and textiles/fabrics made from synthetic fibers with stain release coatings.
  - **Plastics** –heavy textured flat-gloss.



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**Application / Removal Techniques**

- Avoid exposure to direct UV sunlight and moisture.
- For optimum performance, SG PolyMask Protective Films should be applied and removed at a temperature not less than 60°F (16°C).
- Surfaces should be dry and free from dirt, oil and other contaminants when film is applied.
- Protective film should be removed gradually beginning from one edge with a smooth even motion.
- For use on natural or wool fibers, user should determine if suitable for specific application.
- Prolonged applied use of 2E98 on horizontally installed carpet flooring, that will be subjected to foot or mechanical traffic, should be avoided.  
For these typed applications the following applied life guidelines should be followed.
- For heavy foot or mechanical traffic: Remove film after one week.
- For moderate foot or mechanical traffic: Remove film after two weeks.
- For light foot or mechanical traffic: Remove film after three weeks.

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**Special Application Instructions for application involving carpet and concrete/cement.**

Concrete subfloors must be pretested for moisture vapor emissions prior to adhesive installations since drying/curing conditions may not be sufficient to prevent entrapped moisture vapor from the floor to pass through to the carpet's surface and interact with the protective tape, possibly, causing adhesive residue and carpet discoloration. Generally available guidelines indicate that an emissions rate of less than 3.0 lbs. over 1000 sq. ft. is acceptable unless specified otherwise by the carpet manufacturer.

Obtain carpet manufacturer's instructions on moisture levels in concrete before proceeding with applying pads or wet adhesives. Follow wet adhesive manufacturer's instructions to provide adequate ventilation and drying time prior to installing the carpet. Generally available guidelines indicate that fresh air ventilation must be maintained for 48-72 hours at 65-95°F (18-35°C) @ a maximum of 65% relative humidity.

Do not use protective film over carpet or pads that have been installed with the requirement that the adhesive still be wet.

It is generally suggested that protective films not be applied to the carpet until moisture testing of concrete floor is within the carpet manufacturer's guidelines, the wet adhesive has been allowed to dry and the carpet has been installed for at least two weeks with adequate ventilation per guidelines suggested.

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**Storage**

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H in the original carton.

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**Shelf Life**

To obtain best performance, use this product within 12 months from date of manufacture.

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**For Additional Information**

To request additional product information or to arrange for sales assistance, call toll free 1-844-232-6783. Address correspondence to: SG PolyMask, 500 Thornburg Dr., Conover, NC 28613.

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**Technical Information** The technical information, recommendations and other statements contained in this document are based upon tests or experience that SG PolyMask believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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ISO 9001

SG PolyMask – By Pregis  
500 Thornburg Drive SE  
Conover, NC 28613  
828-465-3053 (Office)  
828-465-2404 (Fax)  
[www.sgpolymask.com](http://www.sgpolymask.com)

This product was manufactured under a quality system registered to ISO 9001 standards by SG PolyMask