



Scotch-Weld™

Medical Grade Instant Adhesive Primers

MG77 AC • MG79 AC

Technical Data

June, 2011

Product Description

3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primers are liquid chemical products used in conjunction with 3M™ Scotch-Weld™ Medical Grade Instant Adhesives. 3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primer MG77 AC is a cyanoacrylate primer that aids bonding to low surface energy plastic substrates. 3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primer MG79 AC is a cyanoacrylate primer for elastomeric substrates.

Note: These products should be tested on substrates before use since their overspray or excess may attack certain substrates (especially some plastics) causing unsightly effects.

Specific Features

- 3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primer MG77 AC is designed for difficult-to-bond, low surface energy plastics such as polypropylene, polyethylene, and PTFE. This primer needs to be applied to each low surface energy substrate surface.
- 3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primer MG79 AC helps to bind elastomeric materials including silicone and fluoroelastomers.

Typical Uncured Physical Properties

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

	3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primers	
	MG77 AC	MG79 AC
Color	Colorless	Colorless
Solvent	Heptane	Acetone
Appearance	Liquid	Liquid
Specific Gravity (g/ml)	0.80	0.79
Viscosity (cps)	3	<5

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Handling Information**Surface Preparation**

Prepare bonding surfaces according to Surface Preparation recommendations for the Instant Adhesive that will be used.

Directions for Use

3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primers (MG77 AC and MG79 AC):

1. Apply primer to all difficult-to-bond plastic or elastomeric surfaces.
2. Allow solvent to dry completely.
3. Promptly bond with a 3M™ Scotch-Weld™ cyanoacrylate for plastic or elastomeric bonding.

USP Class VI Testing

Representative samples of each of the 3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primers have been tested in accordance with the United States Pharmacopeia General Chapter <88>, Biological Reactivity Tests, In Vivo (2008). The test articles met the requirements for USP Class VI Plastics at 50°C. Test articles were cured prior to testing.

Instant Adhesives are not intended for use in implantable medical assemblies or for direct application to the skin.

Storage

Store product in cool, dry area out of direct sunlight.

Shelf Life

3M™ Scotch-Weld™ Medical Grade Instant Adhesive Primers can be expected to have a shelf life of one year from the date of shipment from 3M.

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Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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This product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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