

The Creative Adhesives Company

BEACON TECHNICAL DATA SHEET**Magna-Cryl® 2510**Beacon Adhesives Co. Inc.
125 MacQuesten Parkway South
Mount Vernon, NY 10550 USA

TEL 914.699.3400

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PRODUCT SUMMARY

Magna-Cryl® 2510 is a U.V. curable protective and insulation coating for cold rolled steel and other metals. Its scratch resistance and tough yet flexible characteristics balances the necessary properties for protective coating and electrical insulating.

**Product Data****Typical Properties of Liquid Magna-Cryl® 2510**

Color (Liquid)	Color (Cured)	Flash Point	Volatile by Weight	Viscosity
Hazy	Glossy & Clear	< 200°F	Essentially Not Volatile	200 cps

Directions for Use

Magna-Cryl® 2510 is designed to be applied by silk screen, rotogravure, or roller. It will cure under atmospheric conditions. The UV light source should be a medium pressure mercury type bulb, with a minimum of 300 W/ inch. Magna-Cryl® 2510 will not dry out nor will it change in viscosity.

Clean Up: Organic solvents.

Handling of Magna-Cryl® 2510

Magna-Cryl® 2510 contains no volatile solvents. It is a blend of acrylates and modifiers, and proper care, therefore, should be taken in order to prevent contact with skin, eyes, and clothing. Avoid storage in direct sunlight and conditions where the ambient temperature may exceed 100°F. Do not bring into contact with strong oxidizing agents, acids, amines, or alkalis.

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BEACON**TECHNICAL DATA SHEET****Magna-Tac® M620**Beacon Adhesives Co. Inc.
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 **Cure Time**

Temperature	Cure Time
535°F	7-10 min
500°F	12-15 min
450°F	20-25 min
400°F	40-50 min
350°F	1.5-2 hours

Typical lap shear values obtained when Magna-Tac® M620 is used to bond 0.064" etched 2024T3 aluminum alloy to itself in a 1/2 overlap are as follows:

Test Temperature	Av. Lap Shear (psi)
-67°F	1000
77°F	1400
180°F	1400
260°F	1200
300°F	900
400°F	400

Container Sizes

- 1 quart cans
- 1 gallon cans
- 5 gallon pails
- 55 gallon drums