

## Light Weld<sup>®</sup> 912-A Adhesive for Wire Tacking

Dymax Light Weld<sup>®</sup> 912-A adhesive is a solvent-free, easy to use, aerobic acrylic formulation. 912-A's quick cure speed and adhesion to a variety of substrates make it the product of choice for wire and other tacking applications. This product is in full compliance with RoHS directives 2015/863/EU.

### UNCURED PROPERTIES (not specifications)

Solvent Content	None
Composition	Urethane Oligomer/(Meth)Acrylate Monomer Blends
Appearance	Clear/Straw Liquid
Flash Point	>93°C (200°F)
Solubility	Alcohol/Chlorinated Solvents
Toxicity	Low
Viscosity	Thixotropic Gel

### CURED PROPERTIES (not specifications)

Durometer Hardness	D80	ASTM D-2240
Maximum Cure Depth	0.187"	
Elongation at Break	12%	ASTM D-638-77A
Tensile at Break	6,000 psi	ASTM D-638-77A
Volume Shrinkage Upon Cure	6%	
Refractive Index	1.48	
Thermal Limit (brittle/degrades)	-29° to 124°C (-20° +/- 255°F)	
Water Absorption	0.5%	ASTM D-570

### CURE DATA - UV LIGHT CURE DATA

	Cure Time (seconds)	Intensity <sup>[1]</sup> mW/cm <sup>2</sup>	Dymax Lamps PC-3
1/8 diameter bead	3	450	

### STORAGE AND SHELF LIFE

Store material in a cool dark place when not in use. Do not expose to UV light source or sunlight. This material has an 18-month shelf life from date of manufacture, unless otherwise specified, when stored between 10°C (50°F) and 35°C (90°F) in the original, unopened container.

### CAUTION

For industrial use only. Avoid breathing vapors. Avoid contact with eyes and clothing. In case of contact, immediately wash with soap and water; for eyes, flush with water for 15 minutes and get medical attention. Wash clothing before reuse. Keep out of reach of children. Do not take internally. If swallowed, vomiting should be induced at once and a physician called.



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### GENERAL INFORMATION

This product is intended for industrial use only. Keep out of the reach of children. Avoid breathing vapors. Avoid contact with skin, eyes, and clothing. Wear impervious gloves. Repeated or continuous skin contact with uncured material may cause irritation. Remove material from skin with soap and water. Never use organic solvents to remove material from skin and eyes. For more information on the safe handling of this material, please refer to the Safety Data Sheet before use.

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