

## 3M Scotch-Weld™ MC5 Metal Instant Adhesive

Category : Polymer , Adhesive

**Material Notes:**

3M™ Scotch-Weld™ Metal Instant Adhesives are designed to give optimum performance and high strength bonds on metals, including galvanized or anodized surfaces. MC5 (formerly SP93) is a very low viscosity cyanoacrylate primarily used for bonding smooth, even, close fitting parts. It is a wicking type cyanoacrylate that can be used in preassembled parts. It has been tested and passed the requirements of Commercial Item Description A-A-3097, Type 1, Class 1 (formerly MIL-A-46050C). Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-MC5-Metal-Instant-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-MC5-Metal-Instant-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in <sup>3</sup>	
Viscosity	2.0 - 5.0 cP	2.0 - 5.0 cP	U-Tube IC-C45

Mechanical Properties	Metric	English	Comments
Shear Strength	21.4 MPa	3100 psi	Overlap, grit-blasted steel; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.250 - 0.583 min	0.00417 - 0.00972 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	

## Contact Songhan Plastic Technology Co.,Ltd.

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