

## 3M Scotch-Weld™ MC100 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. MC100 (formerly SB30 or SB96) is a low viscosity cyanoacrylate designed for metals bonding but which can also bond plastics, rubbers and other common substrates. It has been tested and passed the requirements of Commercial Item Description A-A-3097, Type 1, Class 2 (formerly MIL-A-46050C). Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-MC100-Metal-Instant-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-MC100-Metal-Instant-Adhesive.php)

| Physical Properties | Metric      | English       | Comments      |
|---------------------|-------------|---------------|---------------|
| Density             | 1.06 g/cc   | 0.0383 lb/in³ |               |
| Viscosity           | 80 - 120 cP | 80 - 120 cP   | ISO 3104/3105 |

| 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             | 0.0833 - 0.333 min | 0.00139 - 0.00555 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.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China