

Revised  
March 2003



9411 Corsair Road  
Frankfort, IL 60423  
1-800-552-0299 Phone  
1-815-464-5650 Fax

**EMERGENCY PHONE 1-800-255-3924**

## **TECHNICAL DATA SHEETS**

### **MP 53024**

#### **Description:**

**MP 53024** is a fast curing Ultra Violet adhesive, medium viscosity, excellent for glass to metal applications and good impact and temperature resistance.

#### **Physical Properties of uncured adhesive:**

|                              |                    |
|------------------------------|--------------------|
| Composition                  | methacrylate ester |
| Color                        | Clear              |
| Viscosity(25°C mPa.s)        | 3200 cps           |
| UV curing time               | 4-6 seconds        |
| Specific Gravity(25°C gr/ml) | 1.1                |
| Joint thickness              | 0.06mm to 2.5mm    |
| Flash point                  | >100°C             |
| Shelf Life 25°C              | 1 year             |

#### **Physical Properties of cured adhesive:**

|                                  |                                |
|----------------------------------|--------------------------------|
| Appearance                       | Clear, opaque                  |
| Tensile strength(ASTM D-2095-69) | 10-14N/mn <sup>2</sup>         |
| Temperature range                | -60°F to 350°F                 |
| Refractive index                 | 1.49                           |
| Light transmittance              | >98%                           |
| Coefficient of thermal expansion | 85 x 10 <sup>-6</sup> mm/mm/°C |
| Dielectric strength              | 10-12 KV/mm                    |

### **Engineering Excellence**

For technical information  
and support call **1-800-552-0299** or visit our website at

**[www.instantca.com](http://www.instantca.com)**