

# Technical Data Sheet

## TDS CYANOACRYLATE ADHESIVE GR024

Revised

03.08.10

### GR024 Grosvenor Cyanoacrylate Adhesive

#### APPLICATIONS

Bonds metals, plastics, wood, ceramics, rubber, leather, card, glass and many other materials.

#### INSTRUCTIONS FOR USE

Clean and dry surfaces to be bonded. Apply adhesive sparingly to one surface and assemble parts. Hold or clamp parts together for 60 seconds.

#### USEFUL NOTES/HINTS

- General purpose
- Fast cure

#### LIQUID PROPERTIES

Ester base	Methyl
Appearance	Clear, colourless
Flash point	>81°C
Density	1,10
Shelf life	12 months unopened
Viscosity (brookfield) @ 25°C	1200 - 1800 cp

#### POLYMER PROPERTIES

Appearance	Clear, colourless
Softening point	160°C
Refractive index	1,45
Full cure time	24 Hours
Solubility	DMF, acetonitrile, acetone

#### CURED PERFORMANCE

Aluminium	40-60 seconds
Stainless steel	30-60 seconds
Copper	10-20 seconds
SBR	10-15 seconds
Steel	10-30 seconds
PVC	15-20 seconds
Polycarbonate	10-40 seconds

#### SHEAR STRENGTH

Grit blasted steel	>20 N/mm <sup>2</sup>
Etched aluminium	>20 N/mm <sup>2</sup>
Stainless Steel	>20 N/mm <sup>2</sup>
Polycarbonate	>10 N/mm <sup>2</sup>
Copper	>13 N/mm <sup>2</sup>
ABS	>5 N/mm <sup>2</sup>

#### STORAGE

GR024 cyanoacrylates should ideally be stored in original sealed containers until used. Containers should be stored between 10°C and 22°C, avoid exposure to strong light and heat sources. Refrigeration can prolong shelf life.

#### PRESENTATION

Grosvenor cyanoacrylate is available in 20g, 50g & 500g bottles as standard item

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**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product. **Warranty:** All products purchased from or supplied by Grosvenor are subject to terms and conditions set out in the contract. Grosvenor warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Grosvenor is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Grosvenor makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.