

TECHNICAL DATA SHEET

How to look after your Structural Adhesives better

It is very well documented, regardless of manufacturer, that elevated temperature storage negatively affects the shelf life of reactive 2-part methacrylate-based products.

All the advanced chemistry that is used within our range is there to give us a functional advantage and set our products above the competition in the marketplace.

The resulting technology that goes into making such a reactive 2-part methacrylate stable is very complex and designed very carefully to maintain stability and not inhibit cure speed.

The table below shows the accelerated ageing caused by elevated thermal exposure. In the experiment a standard 400ml cartridge was subject to various elevated temperatures and assessed for stability. The same batch used in the trial was also stored for 12 months at 12°C and remained perfectly usable at the end of the 12-month cycle.

TEMPERATURE	RESULTING SHELF LIFE
82°C	6 Hours
45°C	120 Hours (5 Days)
35°C	480 Hours (20 Days)
28°C	1080 Hours (45 Days)

As you can see the cure becomes less severe the lower the temperature. Many of our export customers have always used refrigerated storage due to their higher mean temperature during the summer months.

Although we may not be at the levels yet enjoyed by our export partners, our UK temperature is increasing and should be considered in the choice of storage condition.

The optimum storage condition to attain a minimum of 12 months shelf life is between 6 and 12 Deg C.

You can store at higher temperature than this, but it will reduce the overall stability of the material.

The above information is given in good faith and for guidance only. The user shall be responsible for determining that the performance of the product is sufficient for his application. The quoted values are based on averages and should not be taken as maximum or minimum values for specific purposes. For more information, please contact us.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. Industrial Adhesive Solutions Limited shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. Please contact us for further assistance and information.



For further information, samples and a demonstration, please contact:

 0121 556 9900  0121 556 9034  enquiry@indasol.co.uk

For our Ireland sales manager please contact us on 07795 151814

NEXT DAY DELIVERY AVAILABLE 

www.indasol.co.uk