

Technical Data Sheet

ADTECH® 9146

TOUGHENED ACRYLIC ADHESIVE



ADTECH® 9146 IS A TWO COMPONENT STRUCTURAL METHACRYLATE ADHESIVE, WHICH IS USED IN CONJUNCTION WITH EITHER 1008, 1009 OR 1010 ACTIVATORS (SLOW, MEDIUM & FAST CURING).

ADTECH® 9146 IS DESIGNED FOR THE BONDING OF METAL, WOOD, CERAMIC, FERRITE & PLASTIC MATERIALS.

Adtech® 9146 has been formulated from innovative technology, which enables it to achieve the ultimate balance of mechanical strength & impact resistance whilst still remaining both simple & quick to use. It is very versatile, and can bond a wide variety of substrates without the need for surface primers or conditioners. Typical applications include bonding magnets and ferrites to casings, bonding metal frames to laminated glass in furniture assembly and bonding plastic handles to metal shafts.

BENEFITS

- Three cure speeds available
- High strength
- High impact resistance
- Bonds GRP substrates
- Bonds dissimilar metals

AVAILABLE COLOURS

Amber

TECHNICAL DATA

Brookfield viscosity:	30000 mPas
Handling strength:	1 minute at 20°C
Temperature resistance:	-60°C to 120°C
Typical strength (ASTM D1002 Lap Shear):	30 N/mm ²
Gap fill:	0.75mm

AVAILABLE SIZES

Cartridge kit	50ml (including P300 activator)
Cartridge	300g (with 50ml P300 activator spray)

PREPARATION AND APPLICATION

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits.

Carry out surface preparation where required. Apply the activator to one surface and allow the solvent to flash off. Apply adhesive to the other surface and assemble components carefully, clamping if required. It is always easier to remove any excess adhesive prior to cure using a suitable cleaner. Allow the adhesive sufficient time to achieve handling strength before moving or unclamping components.

HANDLING AND STORAGE

It is always easier to remove any excess adhesive prior to curing using a suitable cleaner.

Use with proper ventilation.

Avoid contact with skin and eyes.

If adhesive gets into eye, keep eye open and rinse thoroughly. Seek medical attention immediately.

Keep well out of reach of children.

Adtech® 9146 should be stored in the original containers in a cool, dry place, at a temperature range of between 5°C and 25°C. In these conditions it has a storage life of at least 12 months.

DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

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