

ADBOND 5014S Cyanoacrylate adhesive

DESCRIPTION

ADBOND 5014S is a fast setting cyanoacrylate adhesive that is designed for bonding a wide variety of similar or different substrates. This product is a versatile adhesive offering good weather, thermal and impact resistance. Its elasticity makes it ideal for bonding dissimilar materials. ADBOND 5014S has a setting time of 5 to 15 seconds.

PHYSICAL PROPERTIES

Color	clear
Viscosity	80 – 120 cPs @ 25°C
Base	Ethyl
Temperature resistance	-54°C to 93°C (-65°F to 200°F)
Handling time	5 to 15 seconds
Full strength	24 – 48 hours
MIL A 46050	Type II classe II
Specific gravity	1.05
Setting time	Plastics : 2 – 5 seconds Wood : 1 – 5 seconds Metals : 8 – 10 seconds Rubbers : < 3 seconds Leather : 5 – 15 seconds
Shelf life	12 months

Cured	
ASTM D1002	Value
Grit blasted steel	3770 psi
Etched aluminium	3770 psi
ABS *	>885 psi
PVC *	>640 psi
Polycarbonate *	>825 psi
Neoprene rubber *	>1600 psi
Nitrile rubber *	>1600 psi

*substrate failure

DIRECTIONS FOR USE

1. Make sure the surfaces to be bonded are clean and dry (preferable to solvent-wipe plastics, glass and rubber and to acid-treat metals)
2. Dispense a drop or drops to one surface only. Apply only enough to leave a thin film after compression
3. Press parts together and hold firmly for a few seconds. Good contact is essential. An adequate bond develops in less than one minute (Maximum strength is achieved in 24 to 48 hours).

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4. Wipe off excess adhesive from the top of the container and recap ADBOND 5014S. If left uncapped, it may deteriorate by contamination from moisture in the air.
5. Because ADBOND 5014S condenses by polymerisation, sometimes whitening will occur on the surface of the container or bonded materials. Should this happen, wipe surfaces well with ADSOLV DM60060.
6. Initial setting can be accelerated using the ADBOND 5051 Activator. However, this procedure can reduce the adhesion strength.

STORAGE

ADBOND 5014S is ideally stored in a cold, dry location in unopened containers. Optimal storage is under 10°C (50°F). To prevent contamination of unused product, do not return any material to its original container.

CAUTION

Use with proper ventilation. Avoid contact with eyes and skin. Always consult Safety Data Sheet (SDS) before using the adhesive. For industrial use only. For more information, please contact your technical representative.

IMPORTANT**READ CAREFULLY**

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

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