



ISO 9001:2008 Certified Company
"TIME TESTED PRODUCTS"
 SINCE 1972

ZGPA-7/223 Special is a **MULTI PURPOSE**, water based, latex/ rubber reinforced co-polymeric, fast drying coating, bonding and laminating white adhesive having numerous satisfactory usage. In **Civil Construction & Carpentry field**, effectively used for almost all the bonding, fixing, laminating, coating & sizing applications covering a wide range of substrates including sensitive/ delicate plastics. The bond attained is waterproof, unaffected with weather/ climatic changes, resistant to fungal growth if used as supplied. The product being **"Human Friendly/ Environmentally Acceptable"** is completely safe in handling. Safe and best replacement of normal solvent based Toxic & Flammable adhesives.



- "Starch Free".
- Hot & Cold Waterproof (D3) adhesive.
- Completely Weather Resistant.
- Ever Soft and Non-Cracking Bond.
- Bond unaffected even by the relative humidity up to 90% for long spells.
- Non-Flammable (ASTM D3243).
- Non-Toxic & Non-Hazardous.
- Non-Corrosive, Non-Staining & Non-Rusting.
- Resists intermittent temperatures from -10°C to 90°C.
- Insoluble in and resists fuel, oils, lubricating oils [ASTM D5402], dilute acid & alkali.
- Mildew, Fungi and micro-organism resistant.

COLOUR:

Milky White in liquid state. Transparent when Dried.

ODOUR:

Resinous smell in liquid state. Odourless when thoroughly dried/cured. [ASTM D1833]

VISCOSITY:

9000 – 9500 cps. [ASTM D2556]

DENSITY:

1.15 kg / litre. [ASTM D1475]

NON-VOLATILE:

33% ± 1 w/w. [ASTM D2369]

SERVICE TEMPERATURE:

Usable between 8°C to 80°C.

DRYING:

Air-drying. Touch Dries in 15 minutes. Early bond strength is achieved within 12 hours and becomes further stronger with time, unaffected by climatic changes. [ASTM D1640]

COVERAGE:

Depends on the porosity of the surface to be bonded. However, average consumption for bonding/pasting applications varies around 5.5-6m²/kg.

DILUENT:

Avoid dilution. If necessary, dilute with hot potable water (5% by weight maximum) with uniform and thorough mixing.

APPLICATIONS:

ZGPA-7/223 is advisable in many Mechanical/ Engineering Jobs including Insulation pasting, Civil Construction, Wood Working Industry, Glass Fixing, etc. Can be safely and satisfactorily used for bonding of variety of substrates including:

- Wood & Hard Board.
- Laminated Board (Formica).
- Chip Board & Card Board.
- Paper Pasting.
- Cotton Cloth/ Fabric.
- Leather.
- Glass.
- Marble Stones.
- Polyurethane, Glass Wool Insulations, Styropore etc.

The adhesive can be applied by brush, mechanically or through roller. Clean the surface before the application of adhesive. Apply evenly on the desired surface. Bond the other surface while the glue is still tacky. Leave the bonded substrate undisturbed for about 24 hours. Avoid un-necessary dilution to achieve the desired strength.

STORAGE:

Preferably store at cool & ventilated place. Keep in the original air-tight container when not in use. **Mix well before use.** Recommended storage temperature is 25 – 30°C.

SHELF LIFE:

For best results, use within 12 months of manufacturing date.

IMPORTANT NOTICE:

The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties, expressed or implied. Our warranty is limited to the replacement of so proved defective Zahabiya original sealed product only, provided used within shelf life as supplied originally.

