



**Green Build
Egypt**
Experience and Innovation

ULTRALASTIC

ألترالاستك

Highly Elastic, Low Viscosity, High Clear, 100 % Epoxy for Adhesives and Stickers

UltraLastic Specifications:

- Density : 1.05 gm/cc.
- Solid Content by Weight: 100 %.
- Solid Content by Volume: 100 %.
- Touch Dry Time: 6 Hours @ 20 ° C.
- Total Dry Time: 24 hours.
- Viscosity: app.70 sec 4mm cup;
- Pot Life: 60 min @ 20° C
- Minimum Curing Temp.: 8° C.
- Initial Hardness: 24 hours.
- Full Cure: 7 days.
- Shore D Hardness: 70.

Application and Rates

- Low Viscosity (easily poured and penetrative) to ensure maximum filling ability, and elasticity after application.
- **UltraLastic** supplied in two-packs plastic, sealed packs Base (A) ,and hardener (B) weighing 1, 5 or 10 Kg
- Applied easily by pouring into forms and air is easily removed by traditional techniques.

Product Handling and Storage

- Store **UltraLastic** in a cool, covered dry place. Do not expose the pails to direct sunlight and keep away from all sources of heat. In tropical climatic conditions, the product has to be stored in an air- conditioned environment and protected from high humidity.
- The shelf life of the product is 24 months in unopened condition if stored as per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.



UltraLastic features:

- Elastic after full cure, High performance, low viscosity, 100 % epoxy without any solvents specially designed and manufactured for the adhesive purposes, stickers manufacturing, and relevant applications.
- Very Elastic, but very strong material after complete curing (7 days).
- High clear (Crystal-Clear) finish for high fashioned decorative and commercial stickers, and brand labels, manufacturing.
- It is easy to mix, pour with no bubbles after application.
- 100 % solids, so it is non-shrink materials, which adheres with no loss of bond.
- Could be colored easily with special types of colorants, (Please refer to our technical team)



Applications

- **Making commercial stickers and shapes.**
- **Manufacturing of "Brand Logos" stickers for home appliances, and cars. .**
- **Manufacturing of keychains and necklaces and rings.**
- **Could be used as flexible adhesive for wood, and other decorative items.**

Health and Safety

- As with all resin chemical products, normal caution should always be exercised when handling with **UltraLastic.**
- Protective gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance.

Application Method:

Mixing Add Part B into Part A and mix thoroughly for 1–2 minutes to achieve uniform consistency low viscosity liquid. Apply immediately after mixing.

-Air Removing: wait minutes until air bubbles floating on surface, and remove air with hot gun, or use our Innovative "Vacuum Machine" for removing air fast and effective. (Call us for the details of the Vacuum machine)

Application

Pouring:

Pour out the prepared product into the clean and prepared stickers, and leave for curing in clean area with no dust or wind.

You can get help from our well trained team about the techniques of pouring and how you can get the best finish of your products, free of air or any bad look.

Cleaning Clean all tools & equipments with suitable solvent immediately after use. Hardened materials can be removed mechanically only



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