

# PRATLEY®

## Instruction Leaflet for PRATLEY QUICKSET PUTTY



### CONGRATULATIONS

The product you have purchased is from a range of the most advanced adhesives and sealants in the world - researched, manufactured and marketed by Pratley.

### GENERAL:

Pratley Quickset Putty is an exceptionally high strength, hand mouldable, putty-like adhesive. Mixing equal proportions of the resin and hardener supplied in the form of sticks yields a versatile, quicksetting medium with a 1001 uses. Pratley Quickset Putty differs from Pratley Putty (Original). The latter is easier to apply under water and can be easily smoothed with a wet finger. However it is not quick setting.

### PROPERTIES:

- Very high strength.
- Quicksetting.
- Can be shaped and moulded.
- Adheres to most rigid materials.
- Once set can be sawn, filed, machined & sanded.
- Accepts paint.
- Very good electrical insulator.
- Withstands most chemicals, oil, petrol, etc.

### TIME TO SET: (Temperature & quantity dependant)

- Sets hard in ± 15 minutes (at 23°C).
- Should be applied within 8 minutes of mixing.
- Reaches 75% strength in 4 hours.
- Reaches full strength in 24 hours.

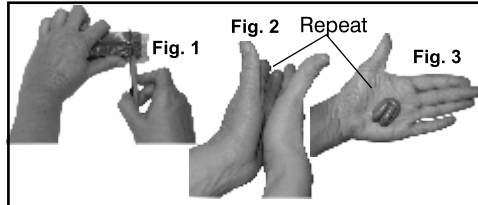
### SURFACE PREPARATION:

Surfaces to be bonded must be free of loose dirt, rust, paint, oil and grease. Wire brushing or sanding will substantially enhance adhesion to smooth surfaces.

### MIXING PROCEDURE:

1. Place the sticks side by side and without removing the wrapping. Simultaneously cut **equal amounts** of each stick with a sharp knife (**Fig. 1**).
2. Remove wrapping from cut parts.
3. Roll both parts together in the hands, forming a 'sausage' (**Fig. 2**).
4. Roll the 'sausage' into a ball and roll out again as a 'sausage' (**Fig. 3**).
5. Repeat this operation until all streaks have disappeared. (Thorough mixing is essential).
6. Apply by dabbing and wiping onto the application surfaces.
7. Build up the shape as necessary.

**NOTE:** Pratley Quickset Putty should be applied in thick section [not less than 3 mm (1/8")]



### SOME SUGGESTED USES:

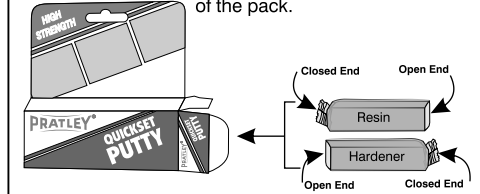
1. Seal metal water tanks and cracked motor car sumps.
2. Repair wash hand basins and toilets.
3. Replace broken handles and knobs on utensils.
4. Repair ceramic fuse holders and insulators.
5. Repair car radiators and leaking metal petrol tanks.
6. Mend garden implements and metal watering cans.
7. Repair cement furniture and pots.
8. Re-fit loose screws in walls.
9. Make your own models and sculptures.

### NOT RECOMMENDED FOR:

- Bonding of rearview mirrors to windscreens.
- Very high temperature above 100°C continuous (e.g. exhaust pipes).
- Flexible materials.
- Underwater use.

**NOTE:** Should the sticks be hard due to prolonged storage in a cold place, gentle warming should restore them to their original consistency.

**TIPS:** For increased shelf life after use, place open ends of the resin and hardener sticks at opposite ends of the pack.



### DID YOU KNOW?

- Pratley Putty is the only South African manufactured product on the Moon!
- The Pratley Company invented epoxy putty!
- The compressive strength of Pratley Putty exceeds that of concrete!
- The intake penstocks of the mighty turbines in the Kariba Dam were repaired with Pratley Putty!
- Pratley Putty (original) has been used to float sunken ships as well as repair boats at sea!
- A Green turtle had a damaged shell that was repaired with Pratley Putty!
- Researchers stuck radio transmitters with Pratley Putty to the scales of Pangolins whilst studying them in the wild!

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