TECHNICAL DATASHEET

CAR BODYFILLER

Polytol Car Bodyfiller is a high-quality unsaturated polyester body filler designed for automotive repairs. It offers excellent filling, drying, and sanding properties with a smooth, flexible finish. It adheres well to galvanized steel and other common substrates. Ideal for precise surface restoration.

PRODUCT BENEFITS

- **Versatile Application** – Suitable for use on all types of metallic surfaces, including galvanized steel, aluminium, and bare or primed metal.
- **Excellent Adhesion** – Strong bond to a wide range of automotive substrates, ensuring long-lasting repairs.
- **Smooth Finish** – Fine texture allows for easy spreading and a seamless surface ready for painting.
- **Easy Sanding** – Cures to a workable hardness that sands effortlessly for fast and efficient shaping.
- **Quick Drying** – Speeds up the repair process with reduced wait times before sanding or painting.
- **Flexible and Durable** – Maintains integrity under stress and vibration, resisting cracking and shrinking.
- **Good Filling Power** – Fills dents, scratches, and imperfections effectively with minimal shrinkage.

SURFACE PREPARATION

- Ensure the surface is clean, dry, and free from rust, grease, or dust.
- Sand the area for better adhesion with coarse paper (P60-120).
- Product should not be imperatively be in no direct contact with Polytol 2 pack etch primer.

METHOD OF APPLICATION

- **Mixing Ratio**: Mix 100 parts by weight of POLYTOL Body Filler with 1–2 parts by weight of hardener paste, depending on ambient temperature (ideal range: 18°C to 32°C).
- **Thinning**: NC Thinner
- Hardener proportion should not exceed 2% or the excess peroxide will cause discoloration by bleaching the topcoat.
- **Mixing Process:** Blend thoroughly until a uniform color is achieved, indicating proper mixing.
- **Application**: Apply the mixture in thin, even layers using a plastic polyethylene spatula. Avoid overapplication to prevent sagging or poor curing.
- **Curing and Sanding**: Allow the filler to cure fully before sanding. Drying time may vary with temperature and layer thickness.

PRODUCT FEATURES

Surface	Automotive surfaces
Available Pack	1L, 2L and 4L
Shelf life	6 months from date of manufacture in original tightly closed containers.
Finish	Matt, uniform, smooth
Gel time	5 Minutes @ 25 – 35 °C
Hard dry	10 Minutes @ 25 – 35 °C
Tack free surface	Sanded after 20 minutes

PRECAUTIONS, LIMITATIONS AND ENVIRONMENT FEATURES

- Do not apply in direct sunlight or during rain or expected rain.
- Ensure good ventilation during application and drying.
- Skin Contact: Wash skin with soap & water. Remove contaminated clothes.
- On eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Ingestion: It is based on solvent-Based Coating system, seek medical help.

Left-Over paint disposal:

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails should not be used for storing food items.

DISCLAIMER

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond