

Technical Data Sheet (TDS)

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LPT366 Rubber Processing Agent

Product Description:

LPT366 Rubber Processing Agent consists of two components: A (activator) and B (powder). It is designed to enhance the surface activity of various types of rubber, including EPDM (Ethylene Propylene Diene Monomer), natural rubber, hydrogenated NBR (Hydrogenated Nitrile Butadiene Rubber), SBR (Styrene-Butadiene Rubber), and BR (Butadiene Rubber). This agent is used for the surface activation of these rubbers.

Product Characteristics:

- Two-component system (A and B).
- After mixing A and B, the activation time is 4 hours.
- Improves adhesion strength between metals and rubber.

Appearance & Specific Gravity:

Appearance

- A: Colorless liquid
- B: White powder

Specific Gravity (g/cm³)

- A: 0.9 at 25°C
- B: 1.05 at 25°C

Instructions for Use:

Sanding:

Use a tungsten carbide wheel to sand the damaged area and the surrounding rubber. Take care to avoid polishing or causing burning during the sanding process.

Cleaning and Drying:

Use LPT360 Cleaner to wash off dirt and sanding residue from the treated surface. Repeat the cleaning process until no dirt remains in the LPT360 Cleaner. Allow the rubber to air dry or dry with heat, ensuring the rubber surface is completely dry and free from moisture.

Mixing:

Pour component B of the rubber treatment into component A. Stir thoroughly until component B is

completely dissolved. The mixed treatment must be used within 4 hours to ensure optimal activation.

Application of Treatment:

After preparing the rubber surface, apply a uniform layer of the treatment onto the rubber surface. Allow it to air dry or dry with heat.

Storage and Shelf Life:

Seal the container tightly and store in a cool, dry place. The shelf life in its original packaging is 18 months.

Precautions:

- This product is flammable. Please store and handle it as a flammable substance, and avoid contact with open flames.
- Ensure good ventilation at the work site.