chemFix
RAPID RUBBER REPAIR

PROFESSIONAL INDUSTRIAL GRADE

# CHEM-Fix Hand Mix Kit

## High-Performance Conveyor Belt Elastomer




The **CHEM-Fix Hand Mix Kit** is a cost-effective, ultra-fast curing repair solution designed for all types of rubber conveyor belts. By allowing rapid on-site repairs, it minimizes operational downtime and ensures your production line is back running in minutes instead of hours.

Trichloroethylene-Free | Flame Retardant

### Kit Contents

- 750g Repair Solution (Liquid Resin)
- 100ml Heavy-Duty Cleaning Agent (No. 1)
- 100ml High-Adhesion Primer (No. 2)
- 100ml High-Performance Activator (No. 3)
- 1 x Heavy-Duty Mixing Stick
- 1 x Ergonomic Spatula Spreader
- 1 x Set of Protective Nitrile Gloves

### Physical Properties

| Property | Value |
|---|---|
| Hardness | 70 ±5 Shore A |
| Tensile Strength | 7.0 MPa |
| Elongation at Break | 350 % |
| Abrasion Resistance | 73.9 $mm^3$ |
| Cure Time (Belt Operational) | 60 minutes @ 20°C |
| Application Method | Hand Mix |

## Instructions for Use

### 01 Roughen Surface

Prepare and roughen the damaged area using a wire brush or grinding tool to enhance bonding abilities between the conveyor belt rubber and the CHEM-Fix product.

### 02 Clean Area

Thoroughly clean the prepared area and remove all dust, loose particles, and debris that could contaminate the repair zone.

### 03 Apply Cleaner (No. 1)

Apply the cleaning agent from **Bottle No. 1** to degrease and prepare the damaged area. Ensure the surface is completely clean and dry before proceeding.

### 04 Apply Primer (No. 2)

Apply a thin, even coat of the primer from **Bottle No. 2** to the repair area. The curing time for the primer will differ depending on the environmental temperature.

### 05 Check Dryness

Let the primer cure until it is touch-dry (the surface will feel very sticky, leaving a touch print but not transferring to a clean glove).

### 06 Mix Activator (No. 3)

Shake the activator from **Bottle No. 3**, and pour the entire contents into the liquid resin. Mix thoroughly using the mixing stick for 90 seconds.

### 07 Fill & Cure

Fill the damaged area with the mixed CHEM-Fix compound. Allow 30 minutes for initial cure, and 60 minutes for full mechanical load availability.

### 08 Remove Excess

Remove any excess repair material using the spatula to ensure a smooth, flush surface, preventing belt nipping points or mechanical scraper issues.

### Safety Precautions



Harmful if swallowed or in contact with skin. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Please refer to the product MSDS/SDS sheets for further information.

Scan for full MSDS/SDS sheets & reports.

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