



**CHEM TRUST**  
Solutions

**chemFix**  
Rapid Rubber Repair



## **CHEM-Fix Hand Mix Kit**

The Chem-Fix hand mix kit is a cost-effective repair system for rips, tears, cuts, gouges and scoring on all types of conveyor belts. The ultra-fast curing polyurethane ensures minimal down time, ensuring production continues in a matter of minutes rather than hours. Our primer offers unrivaled adhesion, which together with superior product elasticity, guarantees that once applied, the repaired area will last as long as the original belt.

Keeping up to date with the most advanced international standards in health and safety, our entire system is completely trichlorethylene free and non-flammable. Furthermore, the cured product is flame retardant.

Our Hand mix kit has a shore A hardness of 65 +/- 5 shore A, being very similar to a conveyor belts hardness, therefore, guarantees the repaired area will never become brittle and remove itself from the belt.

The Chem-Fix hand mix kit is ideal for larger repairs, as once the activator has been mixed with the polyurethane blend the complete content of the repair kit has to be used.

## **Instruction of Use**

1. Prepare and roughen the damaged area to enhance bonding abilities between the conveyor belt and the CHEM-Fix product.
2. Clean the prepared area and remove all loose particles that can contaminate the repair.
3. Apply the cleaning agent to prepare damaged area (Bottle No 1). Make sure that the area is clean and dry before going to the next step.
4. Once the repair surface is clean and dry, apply the primer to the repair area. (Bottle No 2 Part A and B, pour bottle No. 2B into bottle No. 2A and shake for 30 seconds). The curing time for the primer will differ depending on the environmental temperature. A warm day will speed up the process, while a cold day will slow down the process. Therefore, allow enough time in order for the primer to cure. Test the primed service by checking if it is touch dry. (The surface will be very sticky, leaving a touch print but not adhering to your glove.)
5. Open the tin and add the activator (Bottle No 3) to the tin. The Chem-Fix Hand Mix kit is to be mixed well with the activator. Mix the product for one minute.
6. Fill the damaged area with CHEM-Fix and allow 45 min to cure. (45 min for Hand Mix Kit)
7. Remove excess repair material to prevent nipping points from your repair.

## Physical Properties

Hardness	65 (+-5) Shore A
Tensile Strength	7 MPa
Elongation	350 %
Abrasion Resistance	73.9 mm <sup>3</sup>
Cure Time (Belt Available)	60 min
Application method	Hand Mix

Each CHEM-Fix Hand Mix Kit contains the following:

- 100ml Cleaning Agent (No. 1)
- 100ml Primer (No. 2A and B)
- 100 ml Activator (No. 3)
- 750 g Solution
- 1 x Mixing stick
- 1 x Spatula
- 1 x Set of Gloves

## Precautions

Harmful if swallowed or 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 certification on our website for further information.

