

3 Min. Cure, Easy Handling

TURBOfix INSTRUCTIONS

TURBOFIX (A.K.A. ISO FAST) THE SELF-CURE REPAIR RESIN THAT CURES WITHIN 3 MINUTES WITHOUT A PRESSURE POT. MIX POWDER AND LIQUID TOGETHER AND POLYMERIZE IN HOT WATER.

INGREDIENTS

Powder: Methyl methacrylate and Ethyl methacrylate polymers, pigment, and other substances

Liquid: Methyl methacrylate and other substances

SHADES

Base powder colors: #0 Clear, #7a Real Pink, #11 Original, #12 Light Pink, #13 Light Red Pink, #14 Dark Pink for crown, bridge, tooth trays, and for repairing dentures.

Tooth powder colors: Incisal, #A1, #A2, and #A3 for repairing acrylic resin tooth

WARNING

Do not use directly in oral cavity.

Stop use of fixed dentures and consult a doctor immediately if the patient or technician develops a rash, dermatitis, or skin sensitivity to the product.

Do not use this product on patients or technicians with past histories of hypersensitivity or allergic reactions to methyl methacrylate monomers.

If you have accidentally inhaled this product, rest in a fresh aired environment.

If you're experiencing serious side effects such as headaches, nausea, dizziness, or problems breathing, please consult a doctor immediately.

Do not handle the powder, liquid, or its mixture with bare hands. Always wear protective gear such as gloves and goggles when handling this material.

Do not get in eyes or on skin. If on skin: wash chemicals off with alcohol, wash hands thoroughly with soap, and rinse the skin under running water. If in eyes: hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Consult an ophthalmologist immediately.

STORAGE

Store the product in a cool, dark place.

Do not store a large amount of this chemical in one place.

Seal the container after each use.

Keep a fire extinguisher near the chemicals.

Keep children out of reach.

CAUTIONS

TurboFix Liquid contains methacrylic monomer and other organic solvents.

Do not inhale. This product is highly volatile.

Seal the container after each use.

Prevent leakage and dispersion of chemicals.

PRECAUTIONS

Use this product in a well ventilated environment.

Wear gloves, protective glasses, and mask while using this product.

INSTRUCTIONS

Cut off undercuts or gaps to the area that needs to be repaired or filled, then apply Resin Sep (separating agent for separating resin from plaster) to the plaster model.

Using a brush:

- Place necessary amount of both powder and liquid separately in two Dappen Dishes.
- Use the brush that is included in the TurboFix package and dip the brush in the TurboFix Liquid, and use the wet brush to take out the powder.
- Mount the repairing area then wait for the material to set them, carefully process to prevent bubbles from forming inside the mixture.

Forming by pressing:

- Pour necessary amount of liquid into a rubber bowl, then sprinkle powder on the surface of the liquid.
- Mix with a spatula for 30 seconds. (Powder/Liquid ratio- 1g: 0.7ml or 0.035oz:0.0237oz)
- Once the mixture becomes a gum state, immediately press the gum into the repair area. Prevent bubbles from forming. Cure for 3 minutes under 25°C (77°F) water. Polish and keep the repaired denture in water before use.

CHARACTERISTICS

	Curing time	3 min 20 sec ± 20 sec
	Flexural strength	73 ± 10 (MPa)
Bonding strength with resin dentures	Upper jaw	130 ± 20 (N)
	Lower jaw	70 ± 20
	Amount of residual methyl methacrylate	2.8 ± 0.6 (wt%)
	Water sorption	14 ± 4 (µg/mm²)
	Solubility	2.7 ± 0.3 (µg/mm²)