



TECHNICAL DATASHEET

MouldTech Sealer

General Description

MouldTech Sealer is a semi-permanent solvent-based type sealer to condition and seal mould surfaces, reduce mould porosity and act as a base for new or reconditioned moulds.

Product Characteristics

- Reduces porosity problems.
- Easy to apply.
- Does not build up on the mould surface.
- Provides an excellent base coat for all types of release agents.
- Compatible with fiberglass, aluminium, steel, and most solid or dense surfaces

Properties

- Working temperature, 150°C.
- Dry time between coats at 20°C, 10 - 15 minutes.
- Final coat dry time at 20°C, 30 minutes.

Mould Preparation

1. Mould surfaces should be thoroughly cleaned to remove all traces of wax, release agents, sealers and buffing compounds.
2. Do a final cleaning of mould surface with MouldTech Mould Cleaner.

Application

1. Saturate a clean cotton cloth (not dripping) and wipe on a smooth continuous film. Apply no more than a few square feet at a time.
2. After 10-20 seconds wipe the surface with a second clean dry cotton cloth. Use a circular motion until film is left dry and clear.
3. Repeat above procedures until entire mould surface has been covered.
4. Apply 1-2 coats, allowing 15 minutes between each complete coat.
5. Allow 30 minutes for full cure after final coat. Proceed with release agent application.

Note: If the sealer agent is left on too long before wiping off, you may notice some smearing or streaking. To remove the smear or streak, wipe the affected area with the MouldTech sealer agent, and then simply remove the excess sooner than you had before.

Test To Ensure Proper Application.

Attach a small strip of masking tape to different areas of the mould. There should be very little resistance when removing the tape if proper release is applied, compared to an untreated clean mould surface (tape should adhere to untreated mould surface).

Pack Sizes

MouldTech Sealer sizes
950ml/Quart
3.78L/Gallon

Storage

1. Store in temperatures 10-45°C, away from fire and sun exposure.
2. Keep container sealed to prevent contamination and evaporation.
3. Shelf life of 12 months in sealed container.

Health & Safety

Adhesive Technologies NZ Ltd provides its customers with a product specific Material Safety Data Sheet (MSDS) to cover potential health effects, safe handling, storage, use and disposal information.

Direct skin contact should be avoided. All amines have a moderate sensitising potential and should be considered as mild skin corrosives. MouldTech Sealer should not be ingested; in an unlikely event MouldTech Sealer is ingested, see your nearest physician immediately.

- Use with good ventilation and adequate safety equipment including gloves.
- If skin contact occurs, wash with lanolin-based hand-cleaner and water.
- If eye contact occurs, immediately wash for 15 minutes with running water.

Note: *Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty or merchantability or fitness, nor is protection from law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special or consequential damages.*