

PRODUCT DATA

Chemlease® 15 Sealer EZ

Mould Sealer

Description

Chemlease® 15 Sealer EZ is a high performance sealer developed to condition and seal mould surfaces, reduce mould porosity and act as a base for new or reconditioned moulds.

Benefits

- Reduces porosity problems.
- Provides an excellent base coat for all types of release agents.
- Compatible with fibreglass, aluminum, steel, and most solid or dense surfaces
- Shortens break-in time.
- Reduces labor time and costs
- High temperature stability - 450°C

Chemlease® solvent carriers contain no Class I or II registered ozone depleting substances.

Application - Wiping

Wiping

1. Mould surface must be thoroughly cleaned to remove all traces of wax, release agents, and other sealers. We recommend Chemlease® Mould Cleaner.
2. Surface should be dry and free of contaminants.
3. Saturate clean cotton cloth (not dripping) and wipe on a smooth continuous film of no more than a few square feet at a time.
4. When the film begins to evaporate at the edges, approximately 15-20 seconds, wipe the surface with a second clean dry cotton cloth. Use a circular motion from the outside, working inwards until the tooling is left dry and clear. See **Notes**.

5. Repeat above procedures until entire mould surface has been covered. Usually only one coat is necessary on a seasoned mould (two coats are recommended when sealing a new or green mould. Allow 15-20 minutes cure time between the first and second application. Wait one hour after the second coat before applying the release or top coat).
6. Allow to cure for one hour before applying mould release.

Spraying

1. Mould surface must be thoroughly cleaned to remove all traces of wax, release agents, and sealers.
2. To apply by spraying use a new, clean, hand held manual spray bottle or a clean dry air system. It is important that all containers and spray lines be thoroughly clean and dry. If container is dirty, rinse at least 2 times with an appropriate cleaner.
3. Keep spray nozzle 10 to 15 inches from mould surface and apply a smooth, thin continuous film. Do not allow to run or drip (by over applying).
4. When film begins to evaporate at edges, approximately 15-20 seconds, wipe the surface with a second clean dry cotton cloth using a circular motion from the outside, working inwards until film is left dry and clear. See **Notes**.



5. Repeat above procedures until the entire mould surface is covered overlapping slightly to ensure complete coverage. Usually only one coat is necessary on a seasoned mould (Two coats are recommended when sealing a new or green mould. Allow 15-20 minutes cure time between the first and second application. Wait one hour after the second coat before applying the release or top coat).
6. Allow to cure for one hour before applying mould release.

Troubleshooting Tips

1. Keep container closed at all times when not in use.
2. Mould must be thoroughly cleaned and dried before application. A good test to tell if the mould is clean is to use a small piece of masking tape (approximately 1" in width) on the mould surface. Sufficient resistance should be felt when removing the tape.
3. Material should be clear with no noticeable precipitate. If cloudy or milky, material is contaminated.
4. Areas of application should be well ventilated.

Packaging

Chemlease[®] 15 Sealer EZ is available in 2, 4 and 20 litre containers.

Safety Data

Material Safety Data Sheets are available for all Chemlease[®] products and should be consulted prior to use of the product.

Notes

Time will vary with room and mould temperature. Wipe off as the solvent begins to evaporate. If the release agent is left on too long, you may notice some smearing or streaking. To remove the smear or streak, rub the affected area with the recommended Chemlease[®] release agent, then simply remove the excess sooner than you had before.

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane moulding; tyre lubes and bladder coatings; mono-coat[®] semi-permanent release coatings; aerosol formulations; mould cleaners and sealers; specialized coatings and application equipment.

†While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.