

Mold Sealer S - 31

PRODUCT DESCRIPTION

Mold Sealer and high concentrated release agent for surface sealing of metal- and resin molds.

Application fields: Production of polyester-, acrylic-, vinyl-ester-, epoxy-, and DCPD resin, especially for hand lay-up, cold-wet-press, vacuum injection, RTM, infusion, SMC/BMC and for moulds with high surface porosity.

APPLICATION

- Apply with a cloth (best option is a white lint-free cotton cloth) evenly on the surface
- While the solvent evaporates Mold Sealer S-31 is being spread „wet in wet“ with a cloth to reach a dry and even release layer.
- All together six to seven layers are needed on new molds.
- The reaction time of each layer is minimum 15 minutes after polishing. If the reaction time is 30 minutes it can lead to better release success.
- For a high gloss finish every layer of release agent needs to be polished.
- The last release agent application needs at least 3 hours for complete hardening.
- Afterwards the new mold can be put into production to manufacture the first part.

- For a good life time preparation we recommend to apply one layer of release agent Treil Part 310 in between the first 3-4 releases.
- The prepared mould guaranties many multi releases as noted in the TDS of Treil Part 310.

New polyester moulds should always be tempered up to 50°C for at least 3 hours before starting the application of the release agent.

PHYSICAL PROPERTIES: (at 25 degrees Celsius)

Density:	0,75 – 0,78 kg/l
Flashpoint:	> 25°C
Solvent:	Mixture of aliphatic hydrocarbons
Delivery form	0.5 litre

CHEMICAL PROPERTIES

Contains no fluorocarbon, as well as no chlorinated, aromatic or toxic solvents
Free from wax and PVA.
Suitable to temperatures up to 475°C

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