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Treil Part 310

SEMI-PERMANENT RELEASE-AGENT

DESCRIPTION:

Treil Part 310 is a semi-permanent, reactive release agent for all types of resin.
Treil Part 310 is suitable for sealing molds made of metal and thermoset resins.

APPLICATION:

Treil Part 310 is used for pre- treatment of molds in processing of, for example: epoxy-, polyester-, acrylic-, vinyl- ester-, and DCPD-resins. **Treil Part 310** is mainly used in processing techniques like: cold- wet pressing, hand- lay- up, vacuum- injection, fibre-spraying, RTM and SMC. Molds with porous surfaces can be sealed easily.

APPLICATION NOTES:

Apply **Treil Part 310** on an uncoloured cellulose cloth and rub respective surfaces in an even layer. Subsequently distribute **Treil Part 310** “wet- in- wet” until the solvent has evaporated and an even, thin film has formed. Persistent polishing leaves a high gloss mould surface.
After application **Treil Part 310** needs at least 15 minutes for curing.
The mould is now ready for series-production.
Multiple demouldings with high gloss finish quality are possible now. If the demould performance decrease, you have to apply another layer of **Treil Part 310**. A previous cleaning procedure is normally not necessary. Light pollutions should be removed with ***Mold Cleaner #5***. This Cleaner leaves a thin release agent film, so you have to apply only one layer of **Treil Part 310** afterwards. Tough stains have to be cleaned with ***Mold Cleaner #1***. This harsh detergent removes even the sealer, so you have to re- establish the whole mould. It´s necessary to apply ***Mold Sealer S- 31*** to seal the mould-surface (complete procedure). Afterwards apply **Treil Part 310** as described above.

TECHNICAL DATA:

Physical characteristics:

weight:	0,75- 0,78 kg/l (at 25°C= 77°F)
flashpoint:	>25°C (= 77°F)
solvent:	mixture of aliphatic hydrocarbons
operating temperature:	T_{room} up to +475°C (= 890°F)

Treil Part 310 does not contain CFCs, chlorinated- or aromatic- hydrocarbons and is free of wax and polyvinyl alcohol.

Shelf life: 12 months after date of production