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Treil Part 200

UNIVERSAL RELEASE AGENT & SEALER

DESCRIPTION:

Treil Part 200 is a heat resistant release agent and sealer in the field of thermoplastic, thermoset and silicone-rubber processing.

APPLICATION:

Treil Part 200 is used for pre-treatment of molds in processing of, for example: epoxy-, polyester-, acrylic-, vinyl-ester-, and phenolic-resins. **Treil Part 200** is mainly used in processing techniques like: pressing, hand-lay-up, injection moulding, RTM, SMC and prepreg- technologies. **Treil Part 200** enables difficult demouldings without negative side-effects like discolouration or curing-failures. **Treil Part 200** can also be used as release agent in thermoplastics and silicone-rubber processing.

APPLICATION NOTES:

Apply **Treil Part 200** on an uncoloured cellulose cloth or brush and rub respective surfaces in an even, thin layer (Application by spraying is possible by using **Treil Part 200 "S"**).
After application, **Treil Part 200** needs a short time period to cure, until a glossy, slightly sticky film has formed. *Tempering of the release agent at a temperature of 110°C (=230°F) for about 30 min. is absolutely necessary.*
New moulds have to be treated this way three to four times.
The mould is now ready for series-production.
Multiple demouldings are possible now. If the demould performance decreases, you have to apply one layer of **Treil Part 200**.

Treil Part 200 should be used sparingly, to prevent a transfer to the workpiece. Otherwise, the moulded parts have to be cleaned before a post-treatment, like painting, coating, etc., is possible.

TECHNICAL DATA:

Physical characteristics:

Weight:	0,74- 0,77 kg/l (at 25°C= 77°F)
LEL:	1,2% by volume
Operating temperature:	T_{room} up to +350°C (= 660°F)

Treil Part 200 levels microscopic surface defects. The sticky surface of the cured release agent film has a positive effect on prepreg-processing.

Shelf life: 24 months after date of production