

Spacewax 300

WAX-RELEASE-AGENT FOR THERMOSET-RESINS

DESCRIPTION:

Spacewax 300 is a pasty release agent in the field of thermoset processing. **Spacewax 300** can be applied on metal- and thermoset-moulds. In addition, on porous surfaces **Spacewax 300** acts as a sealer.

APPLICATION:

Spacewax 300 is used for pre-treatment of moulds in processing of epoxy- and polyester-resins. **Spacewax 300** is mainly used in processing techniques like: hand- lay- up, vacuum-injection and fibre-spraying. Molds with porous surfaces can be sealed easily.

APPLICATION NOTES:

Preconditioned moulds:

Apply **Spacewax 300** by using a lint-free cloth. Distribute **Spacewax 300** “wet-in-wet”, until the solvent has evaporated and a high gloss mould surface has formed. After application the solvents have to evaporate. This will take at least 30 minutes.

Not preconditioned moulds:

Apply **Spacewax 300** as described in the paragraph: “preconditioned moulds”. To condition the mould, the wax has to migrate into the mould-surface. This is done by applying resin on the wax. **Spacewax 300** will be liquified, because of the generated polymerisation-heat, and will diffuse into the surface. Repeat this procedure four to six times. During the precondition-phase, we recommend to apply a layer of polyvinyl alcohol (PVA) on the wax, to prevent demoulding problems. Afterwards the PVA can be removed from the manufactured part with warm water.

By following the described procedure, multiple demouldings, with high surface quality, are possible.

TECHNICAL DATA:

Physical characteristics:

weight:	0.84 kg/l (at 25°C= 77°F)
flashpoint:	43°C (= 109°F)
solvent content	app. 80%
LEL:	0.8% by volume
MAC:	500 ppm
operating temperature:	T _{room} up to +140°C (= 285°F)

Shelf life: 18 months after date of production