



# TECHNICAL DATA SHEET

## SK2TR450-10 Release agent

### ► DESCRIPTION

SK2TR450-10 is an external mould release agent on a basis of fluorocarbon polymers dispersed in water. Under optimum preconditions the product does not need additional mould sealers. The product forms a thin, yet highly stable release film to withstand operating temperatures of up to 450°C after the curing cycle. One single application of release agent SK2TR450-10 allows multiple mould release cycles. It possesses a strong chemical bond to almost any mould material, allowing a high number of possible releases per application. SK2TR450-10 is an air-drying system, rendering heat curing-cycles unnecessary. It will not cause build-up of release agent residues on the mould surface, if applied properly.

SK2TR450-10 is suited for the purpose of processing thermoset materials, such as polyester, epoxy resins, phenolic resins and melamine resins and PU gel coats.

This product is used in various manufacturing processes of parts made of composite materials.

### ► APPLICATION

Clean the moulds well prior to the initial use of release agent SK2TR450-10. We recommend an additional cleaning step with a suitable solvent to eliminate any persistent fatty, greasy or wax residue on the mould surface. Apply 1-2 thin, yet even layers of the product as a priming coat. Higher temperatures as well as the amount of time you allow the coating to dry will greatly enhance the number of possible release cycles per application. The manufacturing process can be started after this initial mould treatment. One single application of SK2TR450-10 is sufficient to recondition the release film, abiding by individual curing time parameters.

### ► TECHNICAL DATA

Appearance:	Beige liquid
Composition:	Dispersion of polymers in water
Density [g/cm <sup>3</sup> ]:	Approx. 1
pH-value (20°C):	Approx. 9.5

### ► SIZE

Packaging
Box of 12 cans x 1 L (1 kg)
Set of 4 Cans x 5 L (5 kg)



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▶ **STORAGE**

The product should be stored in tightly sealed containers and has to be protected from frost, heat and direct sunlight. If these rules are obeyed, the product can be stored for at least 12 months.

▶ **NOTE**

Other packaging (30 and 200 litres) is available upon request.