

TECHNICAL DATA SHEET

SK2TR400-1

Multipurpose mould release agent



DESCRIPTION

SK2TR400-1 is a solvent-based multi-purpose mould release agent commonly used in polymer and thermoplastics processing, especially elastomer processing. Exhibiting a high temperature stability up to 400°C, SK2TR400-1 provides a fairly abrasion-resistant film that adheres strongly to most mould materials. Mould fouling resulting from residues of pigments, resins etc. is reduced notably when SK2TR400-1 is used.

APPLICATION

Prior to the application of SK2TR400-1, moulds have to be cleaned thoroughly. It is further recommended to wash the moulds afterwards at room temperature with a fast evaporating solvent to eliminate all residues of grease or waxes. As a priming coat, 1-2 thin uniform layers of the release agent are applied to the mould. Between applications, the product should be allowed to cure. We recommend to set curing temperature to 120 °C (1-2 min). Alternatively, the resulting film can be tempered at processing temperature, adjusting curing time accordingly (lower temperatures usually require longer curing times and vice versa). According to experience, longer curing time and higher temperature will result in an improved durability of the releasing film. Processing can be started without further pre-treatments. During running production, the release film should be touched-up as soon as release performance decreases notably. Application of one single layer will be sufficient, considering the appropriate curing time.

TECHNICAL DATA	VALUE
Appearance:	Colourless liquid
Composition:	Mixture of resins in solvents
Density [g/cm ³]:	Approx. 0.72
Flash Point [°C]:	<0

PACKAGING TYPE	NET WEIGHT
Canister	5 L
Box	15 Cans x 1 L

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 24 months.