

# Technical Data Sheet.

## Mould Release agent CKC / CKC-S

### Description of the product

**Mould release agent CKC** separates plaster moulds from models and case moulds and it is well approved for many years. **CKC** is pleasant to skin, pH-neutral emulsion based on pure vegetable oil and aqueous soap solution. **CKC** is excellently suitable for models and case moulds of plastic respectively synthetic resins or surface-treated plaster moulds.

### Information

This product data sheet is intended to give advice to the best of our knowledge; it replaces any previous product data sheets. The contents of this product data sheet are not legally binding.

### > Technical application note

**CKC** is a liquid emulsion. When properly used, **CKC** releases well right from the beginning. Contrary to the use of spirit the working face of the plaster mould remains free from oil residue. The quite often observed blocking of the capillars on the model surface leading to sticking appearance at the first cast do not occur. The aluminium rings usually used in the dinnerware industry may be coated slightly thicker, as they do not get contact with the working area of the mould.

**CKC** is normally used pure. Owing to its optimal composition **CKC** can be diluted up to 30 % with water, especially for spraying application. If another mould release agent has been used before, all parts have to be washed up with soap solution for cleaning and pores cleaning, followed by treatment with ethanol to remove any residues. On this cleaned underground **CKC** can be applied either by brush or by means of suitable spraying equipment. In order to prevent sticking effect in the course of subsequent overmoulding, only a very thin layer of mould release agent **CKC** should be applied.

For relief-moulds special care has to be taken that excess **CKC** will not remain in the deeper parts of the relief. This is especially important when spraying.

For case moulds made of strongly absorbing plaster release agent CKC-S is recommendable. CKC-S is a thick emulsion.

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### > Logistics and safety notes

Commercial form	<b>Mould release agent CKC:</b> 10 l can, 5 l can, 1 l bottle, 1 l spray bottle <b>Mould release agent CKC-S:</b> 3 kg bucket
Shelf life	given protected storage above 0°C up to maximum 40°C, CKC /CKC-S can be stored at least 6 months <b>After long storage the can has to be shaken well before use.</b>
Safety notes	see MSDS, no specific hazards arising from <b>CKC/CKC-S</b>

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