

## BÜFA®-Release Paste

Mould Release Paste Wax

Prod. No. 741-0054

**Product description** BÜFA®-Release Paste is a mould release agent based on synthetic wax and white spirit that is primarily worked in connection with BÜFA®-Release Lacquer.

**Applications** BÜFA®-Release Paste is used as a release agent when producing mouldings made of UP and EP resins in moulds made of plastic, wood, gypsum, etc.

When using BÜFA®-Release Lacquer, BÜFA®-Release Paste is applied first, before applying the Release Lacquer, as an additional release agent to increase the reliability of the demoulding process.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C	DIN 53 217/2	approx. 0.95	g/ml
	Consistency		paste	
	Flash point	DIN 53 213	+ 27	°C

**Directions for use** BÜFA®-Release Paste is best applied to the surface of the mould to be treated by wrapping the wax in a cloth which is closed to form a ball and then squeezing the paste through the cloth while applying with circular movements. This allows the release paste to be applied evenly in a thin layer and holds back any lumps of wax that may have formed. Polishing should begin immediately after the paste has been applied. Once the wax film starts to dry, it becomes very difficult to polish.

For the release of large surface mouldings, demoulding is facilitated if BÜFA®-Release Paste is applied before applying the layer of Release Lacquer. A new layer of Release Paste should be applied after every fifth to sixth demoulding.

When using new moulds it is advisable to apply wax very thoroughly before using the mould, i.e. to wax the mould 2 or 3 times consecutively. This ensures that all open pores in the surface of the mould are closed.

Tempering the mould after treatment with wax has also proved to be a good idea. By increasing the temperature, the wax not only liquifies and penetrates deeper into the mould's surface, the layer of wax also becomes more resistant after post-curing.

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Once moulds have been used, rewaxing after every fifth to sixth demoulding - as described above - usually suffices. The application rate of wax is highly dependent on the geometry of the mould and the amount of force needed to release the moulding. Difficult demouldings require more release agent; demouldings that are easy require less.

## **Storage/Handling**

This product must be stored cool in closed containers, protected from sunlight. Shelf-life is at least 12 months in unopened, original containers stored up to a temperature of 20 °C.

Note: The Information given above is based on our current state of knowledge and experience. In view of the many factors that may influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. No legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of our products to observe proprietary rights as well as existing laws and regulations. The latest version of the corresponding EU Safety Data Sheet must also be observed.

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