Release agent 17

Processing instructions

ebalta Release Agent 17 is specifically designed to be used as a top-coat for **ebalta** Sealer 02 and **ebalta** Sealer 09. It is especially suited to epoxy moulding but can also release all types of composite moulding resins such as phenolic, polyester (GRP) or vinylester, from steel, aluminium or composite moulds. Release Agent 17 is applied by a simple wipe-on technique, there is no need for rubbing or polishing. Release Agent 17 is durable and capable of giving many releases per application. It will not contaminate the released surface.

In General

Product Benefits:
• Easy, fast application
• High gloss
• No contamination of the parts
• Non-chlorinated solvents
• Low odour
• Minimal mould build-up
• Versatile, can be used on all mould surfaces
• Temperature resistance higher than 200°C
• Durable, provides multiple releases per application

Physical Properties:
Appearance: Clear, colourless liquid
Specific Gravity: 0.72 kg/dm³
Flash Point: <21°C
Coverage: 20-25 m² / liter/ coat
Storage - Flammable (see Safety Data Sheet for further details).

Note:
The polymeric resin used in Release Agent 17 reacts with moisture. Please ensure can is resealed after use.

Application:
If a wax or silicone based release agent has been used previously, remove all traces of previous product using a solvent based mould cleaner.
ebalta Release Agent 17 can only be applied to non-porous surfaces. If necessary, seal the mould or tool with **ebalta** Sealer 02 prior to using **ebalta** Release Agent 17. **ebalta** Release Agent 17 can be applied over existing semi-permanent release agents without a further cleaning step. However, the mould should be clean and dry before use. Mould cleaning and release agent application should be performed in a well ventilated area.
As **ebalta** Release Agent 17 reacts with water, the cloth must be dry. A smooth, soft, not colored paper or polypropylene tissue (e.g. Kimberley-Clark Wypall X60) can be used. Fold the cloth so that a smooth, flat surface is presented to the mould surface.
1. Apply **ebalta** Release Agent 17 to the clean, dry cloth. Do not over-apply, the cloth must be very wet but not dripping.
2. Wipe wet cloth over mould surface covering an area of approximately 0,5-1m². Vigorous rubbing or polishing is not required. The film should stay wet for up to 20-30 seconds.
3. When dry, allow 10-15 minutes between coats for the film to partially cure.
5. Repeat steps 1-3 above for a further 2 coats (3 in total).
6. When dry, allow final film to cure for at least 30 minutes at room temperature before moulding. Allowing a longer cure or heat curing (e.g. 5 min at 60°C) will improve film durability.

ebalta Release Agent 17 is available in 1 litre metal containers

Storing

Do not store over 38°C. Release Agent 17 reacts with moisture, containers need to be closed right after using. If the product is stored under cold conditions, always allow to heat up to room temperature before use. Do not use after expiry date.

Safety measure

Please follow the precaution instructions of the Government Safety Organisation of the chemical industry when working with this material. Please follow safety advices !

Waste Disposal

According to arrangement with local authorities cured material can be disposed as domestic or commercial waste.
Non-cured products are waste which is subject to inspection and has to be disposed accordingly.
In case of further questions please do not hesitate to contact our Department for Product Safety.

The instructions and recommendations are given in good faith and are based on long experience and careful tests. Since the conditions of use are beyond our control, and due to versatility of applications and working methods, we can't give any guarantee. All information are non-binding and are no guarantee for special characteristics or properties of the product. Despite information given from **ebalta** the customer has to make his own tests regarding applications and processing. If any special warranty is requested, written agreement on this subject is essential.