

Resi-Release

Product Description: Tek-Kote Resi-Release is easy and quick to apply and produces a durable film capable of giving many releases before re-application is necessary and will not contaminate the released surface. Tek-Kote Resi-Release is an advanced polymeric resin in a non-chlorinated organic solvent blend.

Recommended Uses: Tek-Kote Resi-Release can be applied on all types of non porous molds such as steel, aluminum and composite and will release epoxy, polyester (GRP), vinyl ester and phenolic resins. Tek-Kote Resi-Release will not release polyurethanes.

Product Spec:

Appearance	Clear colourless liquid
Composition	Aliphatic hydrocarbon
Flash Point	<10°C
Thermal stability of cured film	250°C
Coverage	60 - 75 m ² / L per coat
Application Type	Wipe and leave
Shelf Life	12 months



Product Benefits:

Quick and easy application

Non-contaminating

Non-chlorinated solvents

Low odour

High slip, easy release

Minimal mould build-up

Durable, provides multiple releases per application

Important: The polymeric resin used in Tek-Kote Resi-Release reacts with moisture. Please ensure can is resealed after every use.

Please read Safety Data Sheet before use. Do not mix with other products or solvents. Application should be conducted in a well-ventilated area. Solvent resistant gloves and eye protection must be worn during this process.

Mould Cleaning: This needs to be performed prior to product application

If a wax or silicone-based release agent has been used previously, remove all traces of previous product using a solvent based cleaner such as Tek-Kote Mould Cleaner. Tek-Kote Resi-Release can be applied over existing semi-permanent release agents without a further cleaning step. The mould must be clean and dry before use.

Application Type: Tek-Kote Resi-Release is applied by a wipe and leave technique.

The choice of cloth is important; as the Tek-Kote Resi-Release resin reacts with water, the cloth must be dry. A smooth, soft cloth with a high synthetic content, such as Kimberley-Clark Wypall X60 is ideal. **DO NOT ATTEMPT TO USE NORMAL COTTON CLOTHS AS THEY CONTAIN MOISTURE.**

NB: The advice and information given in this data sheet is given freely and in good faith and is based upon data that we believe is reliable. The data herein is based on extensive laboratory testing and experience, but we cannot test for every eventuality. It is the customers Responsibility to ensure that the product is fit for their intended purpose. KoverTek cannot guarantee anything but the quality of the product and cannot be held responsible for results obtained.



Application Technique:

- 1) Apply Tek-Kote Resi-Release to a clean, dry cotton cloth.
- 2) Gently wipe over mould surface covering an area of approximately 0.5m². Vigorous rubbing or polishing is not required.
- 3) Repeat steps 1 and 2 on the adjacent area. Ensure a good overlap with the previous area to provide complete coverage.
- 4) Repeat until mould is completely coated.
- 5) When dry, allow a further 15 minutes between coats for the film to cure.
- 6) Repeat Steps 1-5 above for a further 2 coats (3 in total).
- 7) For new, porous or damaged moulds, apply an additional 1-2 coats in the manner described above.
- 8) When dry, the final film needs to be cured before moulding. See table below.

Temp (°C)	Cure Time
Room temp (20°C)	30 minutes
60°C	15 minutes

Note: Use the tape-test before and after application. This will initially ensure the mould is clean and latterly, to ensure correct coverage and cure times have been observed and that the coating is ready for production. If the tape release is hesitant after application, simply apply another coat in the same manner as described above.

Re-application: When release becomes hesitant, reapply one coat of Resi-Release in the same manner as described above.

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