
Release Agent R5

Wax based aerosol release agent

This is a wax based aerosol release agent, which is free of silicone and chlorohydrocarbons. When applied in a thin coating, the carrier easily and quickly evaporates, leaving a thin film of wax on the surface. The wax can take temperatures up to 100°C without melting and boiling.

Special Features

- Ready for application after only **10 minutes**.
- Requires no more than **two coats** on metallic surfaces.
- The finish can be **highly polished**.

Product Data

This release agent is commonly used to release all types of thermosetting resins from epoxy tooling and metal tooling. It is also used to seal absorbent surfaces and to aid release of the material to be cast into them. It is particularly effective for releasing polyurethane from epoxy tooling, and for releasing gelcoats from masters. R5 is effective in releasing any thermoset from flexible or rigid polyurethane moulds.

Application

For most releases, only 2 coats are required. The coats should be dry within 10 minutes and will be ready for a further coat or for polishing to a mirror finish. Never cast until the release agent is COMPLETELY dry. If using to seal absorbent surfaces such as wood or plaster, apply several coats, allowing the first few to soak in. Generally, the hotter the casting material is likely to get, the more release agent is required.

Storage

Store in a cool, dry place out of direct sunlight.

Packaging

400ml aerosol can

Further Information

Our technical advice, whether verbal, or in writing is given in good faith, but without warranty – this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended process and use.

Before using any of our products, users should familiarise themselves with the relevant Technical and MSDS provided by Alchemie Ltd.

Alchemie Limited

Alchemie Ltd develop, formulate and distribute Epoxy Resins, Polyurethane Resins, Silicones, Model Boards and Sheet Wax for use in the following applications:

- Electrical encapsulation
- Rapid Prototyping
- Prototypes
- Casting
- Gel Coating
- Laminating
- Model Making
- Master Models
- Flexible and rigid mould making

We offer fast service, technical support, development expertise, innovative products, diverse knowledge and experience.

We are a well-established company, with a high level of investment and experience. We implement BS EN ISO 9001.

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