

DIY Let Go Release Agent (Data Sheet)

High quality semi permanent chemical release agent

Description

DIY Let Go release agent is specifically designed to be used as a top-coat for DIY Tool Sealer 27 and is especially suited to epoxy moulding providing a consistent and reliable release of components following curing. DIY Let Go release agent can also release all types of composite moulding resins, such as phenolic, polyester (GRP) or vinyl ester, from steel, aluminium or composite moulds.

DIY Let Go is formulated from an advanced polymeric resin diluted in a non-chlorinated organic solvent blend. It is applied by a simple wipe-on technique; there is no need for rubbing or polishing.

Benefits

- Easy, fast application
- High gloss
- Non contaminating
- Non-chlorinated solvents
- Low odour
- Minimal mould build-up
- Versatile, can be used on all mould surfaces
- Durable; provides multiple releases per application

Technical Data

Appearance	-	Clear, colourless liquid	Odour	-	Hydrocarbon
Specific Gravity	-	0.724 g/cc			
Flash Point	-	<21°C			
Solvents	-	Aliphatic hydrocarbon	Coverage	-	20 - 25m ² / L / Coat
Shelf life	-	One year			
Storage	-	Flammable store (see Safety Data Sheet for further details).			

Application

Please read Safety Data Sheet before use.

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 DIY Mould Cleaner.

DIY Let Go can only be applied to non-porous surfaces. If necessary, seal the mould or tool with DIY Tool Sealer 27 or DIY Tool Sealer 12 before using DIY Let Go as your release agent. If desired, polish mould to desired level of gloss. DIY Let Go 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.

Choice of cloth is important; as the DIY Let Go resin reacts with water, the cloth must be dry. A smooth, soft cloth with a high synthetic content. Fold the cloth so that a smooth, flat surface is presented to the mould surface.

1. Apply DIY Let Go to a clean, dry cloth. Do not over-apply; the cloth must not be 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. Repeat steps 1 and 2 until the mould is completely coated. Ensure a good overlap of the coated areas to provide complete coverage.
4. When dry, allow a further 5-10 minutes between coats for the film to partially cure.
5. Repeat Steps 1-4 above for a further 5 coats (6 in total).
6. When dry, allow final film to cure for at least 20 minutes at room temperature before moulding. Allowing a longer cure or heat curing (e.g. 5 min at 60°C) will improve film durability.

Reapplication:

When release becomes hesitant, reapply one coat of DIY Let Go in the same manner as described above.

Notes

The polymeric resin used in DIY Let Go reacts with moisture. Please ensure can is resealed after use. DIY Let Go is supplied ready to use, no shaking or mixing is required. Do not mix with other products or solvents.

Further Information

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DIY Composites requests that the user reads, understands with the information contained herein and the current Material Safety Data Sheet.

DIY Composites

DIY Composites LTD markets and sells composite materials online and from its premises for the end user.

For any enquiries please contact DIY Composites by email at info@diycomposites.co.uk