



PUR 300

Mould release agent for rigid insulation & semi-rigid polyurethanes

PUR 300 is a highly effective, non-silicone mould release agent, based on a blend of waxes and hydrocarbon solvents. It has been specifically formulated to facilitate release of high density rigid polyurethanes and refrigeration/insulation foams.

ADVANTAGES

- * Low mould build-up
- * Reduced post moulding costs (no degreasing needed)
- * Will allow post painting, in-mould painting and adhesion of secondary coverings
- * Easily removed using Ambersil Heavy Duty Mould Cleaner or Ambersil Mould Cleaner (for resin tooling)

APPLICATIONS

The product ensures a quick & easy release of high density rigid polyurethane foams & refrigeration foams from aluminium, steel and silicone rubber moulds. Shake well before use and ideally keep 200 litre drums stirred continuously during use. Apply an even coating to the mould using a spray or paintbrush. Apply two coats onto new or clean moulds before first moulding and then re-apply as necessary. Due to the specially selected blend of waxes build up on the mould surfaces is minimal, however, it is recommended that moulds are cleaned regularly for best results. Ambersil Mould Cleaner is the ideal product for fast, efficient removal of any wax deposits.

PUR300 is completely free of silicones and will therefore allow decorative treatment (e.g. staining, painting) of the moulded part.

TECHNICAL DATA

Appearance	:	Milky suspension
Odour	:	Hydrocarbon
SG @ 25°C	:	0.72
Temperature range	:	Release film to 100°C
Solubility	:	Soluble in solvents, insoluble in water
Viscosity	:	Thinner than water
Compatibility	:	Safe on metals and most synthetic materials
Flammability	:	Classified as highly flammable under current EC Regulations

Flashpoint : < -4°C
Auto-ignition temperature : > 200°C
Packaging : 25 litres, 200 litres

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 12 months with correct storage.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

Ambersil provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967 TRADE DESCRIPTIONS ACT 1968

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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STORAGE

The product may be stored at normal ambient temperatures and has a shelf-life of not less than 12 months with correct storage. If product is exposed to extreme cold then the waxes may settle out, it is therefore advised that drums are rolled prior to use for 5-10 mins to ensure that the waxes are properly dispensed.

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