

DIY PVA Release Agent (Data Sheet)

Poly Vinyl Alcohol (PVA) water-based GRP release agent

Description

DIY PVA Mould Release Agent is a liquid, water-based, solution of Poly Vinyl Alcohol which facilitates the easy removal of GRP mouldings from any type of mould. It is useful in providing an extra barrier on top of silicone free wax release agents between the mould and polyester resins used in the moulding process, especially where fast moulding cycles are in use. This should not be used as a sole release agent but always in addition to the use of wax paste.

Benefits

- Improves release properties of silicone free release agents.
- Fast drying.
- Water soluble, easily removed
- Blue tinted for easier application.

Flashpoint

Despite being water based the product contains iso-propanol and this is a highly flammable liquid. See our Material Health and Safety Data Sheet.

Sizes

Sold in 1 litre / 5 litre containers

Coverage

Theoretical coverage is approximately 25-40 square metres per litre.

Storage

DIY PVA Release Agent should be kept in the original unopened containers and stored in a cool dry, well ventilated area. Shelf life in unopened containers is a minimum of 12 months.

Safety

See our Material Health and Safety Data Sheet before use.

Application

Use directly from the container. The product can be sprayed, brushed thinly, or sponged onto the clean and waxed mould surface. Care must be taken to cover the whole surface

area evenly, without creating runs. Force drying is preferable. If the product is not completely dried imperfections in the moulding may occur and staining will result.

Ensure when drying with heat that the entire application has dried and not just a surface skin.

After thorough drying, removal of the mould will be easily completed, and the residue of the release agent can be washed away with water.

Stir or shake thoroughly before use. Re-apply after each moulding. **WARNING:** It is essential that proving tests are carried out especially on white or light-coloured gel coats, to ensure that no blue staining will occur on the resultant moulding.

Further Information

All information presented within this document is believed to be accurate and reliable, but is solely for the user's consideration, investigation and verification. Our technical advice, whether verbal, or in writing is given in good faith, but without warranty express or implied—this also applies where proprietary rights of third parties are involved.

The information is not to be taken as an express or implied representation or warranty for which DIY Composites LTD assumes legal responsibility. Any warranties, including but not limited to warranties of merchantability, fitness for use or non-infringement of intellectual property rights of third parties, are herewith expressly excluded.

It is the sole responsibility of the user and or purchaser to ensure the product is suitable for their purposes which will require them making tests to ascertain this. DIY Composites LTD or any parent or subsidiary company of it will not be held liable for any damage to person or property or monetary loss stemming from the use of this or any of its products.

Since the user's product formulations, specific use applications and conditions of use are beyond the control of DIY Composites LTD we make no warranty or representation regarding the results which may be obtained by the user. It shall be the sole responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application.

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.

info@diycomposites.co.uk

diycomposites.co.uk

22/11/2020

Unit B3 Roundhouse Close, Peterborough, PE1 5TA

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

info@diycomposites.co.uk

diycomposites.co.uk

22/11/2020

Unit B3 Roundhouse Close, Peterborough, PE1 5TA