

PRODUCT DATA

Mono-Coat® 1470

Semi-Permanent Release Agent

Typical Properties

Appearance	Clear fluid
Density, kg/l	0.87
Storage stability, unopened	12 months

Mono-Coat® 1470 is a semi-permanent, solvent-based, ready-to-use release system designed for rotational moulding of all grades of polyethylene (XLPE, HDPE, MDPE, LDPE, LLDPE). It is specially formulated to provide excellent release from stainless steel and aluminum tooling. Mono-Coat® 1470 provides high temperature stability, excellent durability and multiple releases with virtually no transfer to the moulded part.

Recommended Uses

Rotational Moulding – All types, i.e. XLPE, HDPE, MDPE, LDPE, LLDPE

Application

Mono-Coat® 1470 can be applied to either a hot or a cold mould. Mono-Coat® 1470 does not require a heat cure cycle.

1. Thoroughly clean the mould with a Chem-Trend mould cleaner to remove the previous release agent or other contamination. Wipe dry with a clean cloth or towel. Then wipe with a clean solvent or naphtha and let air dry.
2. If spray application is preferred, use conventional spray equipment and hold spray tip 10-25 cm from surface. This product is acceptable for use on aluminum, magnesium, and zinc moulds and exhaust systems.

Use a light, even spray when using spray methods. When wiping, apply thin even coats.

4. To pretreat or condition the clean mould, apply Mono-Coat® 1470 in a well-ventilated area. Apply at least three, uniform, thin coats, and allow 5-10 minutes between applications for air drying of each coat. Leave the final coat for 30 minutes before starting the moulding.
5. Reapply a light coat of the Mono-Coat® when required, to maintain desired release. To prevent buildup, avoid overapplication.

Storage

Do not store at temperatures above 38°C. Keep container tightly sealed to prevent evaporation and/or moisture contamination.

Handling

We believe Mono-Coat® 1470 has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Material Safety Data Sheet.

Packaging

Mono-Coat® 1470 is available in 4 litre, 20 litre and 208 litre containers.

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane moulding; tyre lubes and bladder coatings; mono-coat® semi-permanent release coatings; aerosol formulations; mould cleaners and sealers; specialized coatings and application equipment.



†While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.

PD-843 07/06/2007

www.chemtrend.com

Chem-Trend Australia Pty. Ltd.
32 Cahill Street, Dandenong, Victoria 3175, Australia
Tel: +61 3 9794 5877 Fax: +61 3 9794 5837 Toll Free: 1800 335 754