

EUNICOTE MRA1

OIL BASED MOLD RELEASE AGENT

DESCRIPTION

EUNICOTE MRA1 is a chemical release agent designed to provide effortless formwork release and deliver excellent surface finishes to concrete. Its specially formulated composition ensures smooth and efficient demolding while enhancing the overall quality of the concrete surface.

USES

EUNICOTE MRA1 finds applications in plastic injection molding, rubber molding, die casting, composite manufacturing, concrete molding, rotational molding, blow molding, and more. By applying EUNICOTE MRA1, manufacturers ensure easy and clean removal of finished products from molds, preventing defects and facilitating smooth production processes.

ADVANTAGES

- Suitable for all types of formwork
- Sediment-free and highly mobile liquid, allowing for very fine sprays without clogging jets
- Odorless, even when using fine fog spray
- Achieves economic coverage rates easily
- Retains mobility at low temperatures
- Can be applied immediately before casting or left until apparently dry, with excellent results
- Continued use improves results on timber formwork
- Dries in 1 - 2 hours, providing a safe working surface on shutters
- Enables quick and positive formwork release, reducing labor costs and formwork/mold damage
- Drastically reduces blowholes, surface blemishes, and staining
- Acts as an effective rust inhibitor

TYPICAL PROPERTIES

Appearance	Clear Amber Liquid
Specific Gravity (@20°C)	0.84 ± 0.02
Freezing Point	< -5 °C
Flash Point	750°C

APPLICATION

EUNICOTE MRA1 is a ready-to-use product and should not be diluted. It should be applied thinly and evenly. The product can be applied to all types of formwork using methods such as spray, fine-hair brush, swab, or roller. Any excess material should be promptly mopped up.

For optimal and cost-effective performance, it is recommended to apply EUNICOTE MRA1 using a fine fog spray. Even at freezing temperatures, it will not clog fine jets, ensuring smooth application.

When using EUNICOTE MRA1 on new timber, it is recommended to apply a sealing coat first, followed by a second coat before concrete placing. This will help ensure proper adhesion and performance of the product on timber surfaces.

COVERAGE

The coverage of one liter of EUNICOTE MRA1 is 30 m² - 40 m². These figures are based on the product being applied with a fine spray on metal or sealed ply at a temperature of 15°C. However, it's important to note that when using rough forms or applying the product in cold weather, the coverage rate may be lower.

PACKAGING

EUNICOTE MRA1 is supplied in 200 liter drums.

STORAGE

EUNICOTE MRA1 requires no special storage and remains stable even at -5°C. Store away from electrical equipment or ignition sources.

The shelf life of EUNICOTE MRA1 is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

CONTACT

Al-Faiha for Engineering Products is the exclusive licensee manufacturer for ECA.

For more information, please contact us at techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.