

## Technical data sheet **CHRYSO®Dem Oleo RL**

Release agent – delayed, mineral based, for decorative concrete



### Description

**CHRYSO®Dem Oleo RL** is a mineral based release agent for decorative concrete where rubber and latex moulds are used.

### Advantages

- Specially formulated for decorative concrete.
- Allows for a great off shutter finish with each reuse of the formwork/mould.
- Easy mould release once the concrete has set; without causing damage to the concrete and mould.
- Solvent free and is therefore suitable on rubber, polystyrene and latex moulds.
- Reduces labour costs by minimising the cleaning of formwork/moulds due to the fact that concrete does not stick onto the moulds.
- Reduces the likelihood of imperfections and surface damage (particularly blow holes) to the concrete, creating more durable and attractive concrete surfaces.
- Does not stain or affect the colour of the concrete.
- Does not affect the adhesion of subsequent finishes and coatings. Plaster, paint and other coatings may be applied subsequently.
- Water repellent and not affected by rain
- Does not modify cement hydration
- Ready to use product – far more convenient and reduces the likelihood of errors that can occur if mixing is required.
- Suitable for steam curing – does not break down when exposed to high temperatures.

### Physical and chemical properties

- Physical state (@25°C): liquid
- Colour: light honey
- Specific gravity (@25°C): 0.8 – 0.9
- pH: 5 - 6
- Flash point: 140°C
- Not water miscible
- Viscosity: 13 seconds (ford #4 cup)

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### Application guidelines

#### Uses

- Ready to use
- Applied to shuttering/mould prior to onsite casting of concrete and the fixing of reinforcement.
- Can be used on rubber, polystyrene and latex moulds

### Directions

#### Before application

- Formwork and moulds must be stripped and cleaned of concrete and oil deposits
- **CHRYSO®Environmentally Friendly Cleaning Agents** will facilitate the cleaning process.
- **CHRYSO®Dem Oleo RL** should be applied before concreting starts and reinforcement is fixed and as near as possible to the first concrete pour and prior to subsequent pours.
- **CHRYSO®Dem Oleo RL** is usually applied with a high pressure oil sprayer (easiest) but it can also be applied with a rag, mop, paint roller, sponge or brush.
- With its low viscosity, **CHRYSO®Dem Oleo RL** will not clog fine jets (even at freezing temperatures).
- A **CHRYSO** representative can help users select the correct sprayer.
- **CHRYSO®Dem Oleo RL** must be applied in a continuous film, as thinly as possible.

#### After application

- Remove excess oil with a rag.
- Moulds should be re-coated if casting is scheduled more than 2 days after **CHRYSO®Dem Oleo RL** is applied.

#### Coverage

- Coverage depends on how much the mould absorbs and on the method of application.
- Rubber and latex moulds: 45 m<sup>2</sup>/l

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### Precautions

- Avoid excessive application
- Prevent and remove excess dust from accumulating on the surface of the formwork.

### Storage

- If in the original sealed packaging, **CHRYSO®Dem Oleo RL** has a shelf life of up to 24 months from the date of manufacturing.
- Should the product freeze, it will recover its properties after thawing and agitating.
- Avoid storing **CHRYSO®Dem Oleo RL** in direct sunlight.

### Packaging

- 25 l non returnable container
- 200 l non returnable container
- Bulk tanker loads

### Health and safety

This product is classified as eco-toxic. **CHRYSO** will provide onsite assistance when requested. Refer to the material safety data sheet.

**Disclaimer:** The information contained in this document is given to the best of **CHRYSO's** knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving **CHRYSO's** liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. **CHRYSO** specialists are at the disposal of the users in order to help them with any problems encountered.