

## Solvent-free protective agent for machinery and equipment

### Description of Product

RHEOFINISH<sup>®</sup> 299C is a solvent-free protective agent based on environment- and skin-friendly white oil. RHEOFINISH<sup>®</sup> 299C has been specially formulated to reduce adherence of concrete residues on the metal surfaces of machinery and equipment.

### Fields of Application

RHEOFINISH<sup>®</sup> 299C may be applied on each type of concrete mixers and equipment, which is in contact with freshly-mixed concrete, mortar and plaster.

### Features and Benefits

RHEOFINISH<sup>®</sup> 299C adheres to metal surfaces covered by a water film and also has an anticorrosive effect. RHEOFINISH<sup>®</sup> 299C can be applied immediately after cleaning. It spreads underneath the surface water film and consequently forms a highly adhesive protective coat. This coat makes it more difficult for residual

concrete or mortar to adhere to the equipment and subsequently makes cleaning much easier. Any existing build-up is softened and gradually peels off.

Due to its white-oil basis RHEOFINISH<sup>®</sup> 299C is safe and eliminates many health and environmental risks when compared to the traditional form release agents based on mineral oils. The workforce can therefore use it with the maximum confidence.

- Makes cleaning easy
- May be applied directly on the wet surface
- May be used with all types of concrete
- Decreases incrustations of concrete and mortar
- Protects the equipment against rust
- Ready-to-use
- Solvent-free

### Technical Data/Typical Properties

|                         |                                |
|-------------------------|--------------------------------|
| Appearance              | Yellowish, transparent liquid  |
| Specific gravity @ 20°C | Approx. 0.85 g/cm <sup>3</sup> |
| Chloride ion content    | ≤ 0.1 %                        |
| Application temperature | From 5 °C                      |
| Viscosity @ 20°C        | Approx. 17 cSt at 20°C         |

### Application Procedure

RHEOFINISH<sup>®</sup> 299C can be applied to mixers and machines immediately after cleaning with water. Drying of the surfaces is not necessary. It is a ready-to-use product that can be applied either by a sprayer, brush or a roller.

### Coverage

The coverage of RHEOFINISH<sup>®</sup> 299C depends upon the application method. If applied uniformly by a sprayer at a constant pressure of 5 bars on metallic material the coverage rate is 30 - 40 m<sup>2</sup>/litre.

### Compatibility

RHEOFINISH<sup>®</sup> 299C can be used on all types of surfaces except non oil-resistant rubber, coatings or polymers.

RHEOFINISH<sup>®</sup> 299C must not be mixed with other products.

### Packaging

RHEOFINISH<sup>®</sup> 299C is supplied in 20 litre cans, 200 litre drums, 1000 litre containers or in bulk.

**Storage**

RHEOFINISH<sup>®</sup> 299C should be stored in their original sealed containers and at temperatures between +0 °C and +40 °C. If stored according to manufacturer's instructions, the shelf life is 18 months.

**Handling and transportation**

No special requirements need to be observed during use. Protection gloves and glasses are however recommended. Do not eat, drink or smoke during the application. RHEOFINISH<sup>®</sup> 299C is non-flammable, non-toxic or irritant and is not subject to special transport requirements.

BASF Construction Chemicals (UK) Ltd,  
Albany House,  
Swinton Hall Road,  
Swinton,  
Manchester M27 4DT  
Tel: +44 (0) 161 794 7411  
Fax +44 (0) 161 727 8547  
[www.basf-cc.co.uk](http://www.basf-cc.co.uk)

RHEOFINISH<sup>®</sup> 299C, BASF Construction Chemicals (UK) Limited, Version 3

**Health and Safety**

\*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

**Spillage**

Chemical products can cause damage; clean spillage immediately.

**DISCLAIMER**

"BASF Construction Chemicals (UK) Limited" (the Company) endeavours to ensure that advice and information given in Product Data Sheets, Method Statements and Material Safety Data Sheets (all known as Product Literature) is accurate and correct. However, the Company has no control over the selection of its products for particular applications. It is important that any prospective customer, user or specifier, satisfies him/her-self that the product is suitable for the specific application. In this process, due regard should be taken of the nature and composition of the background/base and the ambient conditions both at the time of laying/applying/installing the material and when the completed work is to be brought into use.

Accordingly, no liability will be accepted by the Company for the selection, by others, of a product, which is inappropriate to a particular application.

Products are sold subject to the Company's standard conditions of sale and all customers, users and specifiers, should ensure that they examine the Company's latest Product Literature.