



PRODUCT DATA SHEET

Water Based Mould Release Fluid

PRODUCT DESCRIPTION

Hi-Tec Water Based Mould Release Fluid is a biodegradable mould release fluid designed for concrete pipe production (especially by the Besser BiDi and spinning processes), and concrete roof tile production. It is without the health, safety or environmental impacts found in petroleum-based mould release.

Hi-Tec Water Based Mould Release Fluid can be used for large single block pours that generate great heat which would normally scorch and destroy standard petroleum or vegetable based mould release agents. This characteristic is particularly useful in decorative onsite pours where surface colouring and texture can easily be ruined by heat.

Hi-Tec Water Based Mould Release Fluid leaves no oily residues, so embedded colourings and textures appear uniform and remain colour fast, thus allowing factory decorative finishing of panels.

Hi-Tec Water Based Mould Release Fluid has good adhesion to all surfaces and does not run or curtain, and leaves only a trace amount of non-tacky dust on moulds. Moulds which for years have used **Hi-Tec Water Based Mould Release Fluid** have required little or no cleaning in daily routine service.

Hi-Tec Water Based Mould Release Fluid can be applied using conventional spray equipment or cotton cloth. Use of absorbent plastic sponges is not recommended as non-uniform covering results which causes inconsistent release properties.

Hi-Tec Water Based Mould Release Fluid, when applied to on-site exterior formwork, retains its activity in dusty weather and/or light rain for up to two weeks before a concrete pour.

Spills, over-sprays and equipment contaminated with **Hi-Tec Water Based Mould Release Fluid** are easily cleaned with soapy water.

It is recommended that **Hi-Tec Water Based Mould Release Fluid** is allowed to dry before precasting at ordinary pressures and temperatures.

TYPICAL PROPERTIES

Property

Appearance

pH

Freezing Point, °C

Boiling Point, °C

Specific Gravity @15 °C, kg/l

Spontaneous Ignition Temperature, °C

Solubility in water

Reactivity

Results

Light brown, mild odour

8 - 9

Less than 0

Approx 100

1.00

Not applicable

Fully miscible

Will react with strong acids, alkalis and strong oxidising agents



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PRODUCT DATA SHEET

Available in: 1000 Litres, 200 Litres, 20 Litres

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

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