

MOULD RELEASE

MOULD RELEASE – SILICONE FREE



Technical Description:

The product is a heavy duty, wet, non-silicon mould release agent. It is based on a mixture of glycols, and has been formulated to provide excellent release characteristics on a wide range of thermoplastics and rubbers.

It provides a wet, heavy duty film for the release of plastic and rubber parts in injection moulding, vacuum forming and many other moulding and forming processes. It will not build up in the mould and helps to improve surface finish, reduce rejects and increase production.

The NSF registered variant is based on "edible" vegetable oils and has been formulated for release of many commonly used types of polymers in the food processing industry.

Properties:

Flashpoint:	Not applicable in sealed aerosol
Operation temperature:	Up to 170°C (Regular variants) Up to 200°C (NSF approved variant)
Appearance:	Clear, colourless liquid
Odour:	Characteristic Hydrocarbon
SG @ 25°C:	0.715
Pressure @ 25°C:	3.5 Bar
Discharge rate:	0.7 g/s
Solubility:	Soluble in solvents, insoluble in water
Flammability:	Extremely flammable
Storage:	72 months when stored below 50°C and away from direct heat and naked flame.
Food grade:	MRN501FG is NSF M1 and H1 registered Other Mould release products are not.

Application:

Spray a light, even coating from 25-30 cm (9"-12") and reapply as necessary.

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Misrepresentation act 1967 - Trade descriptions act 1968:

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Health and Safety:

Health and Safety sheet available separately.