



FORMULA TWENTY **PRINTABLE RELEASE AGENT FOR POLYMER MOULDING** **APPLICATIONS AND FOUNDRY PATTERN RELEASE**



FORMULA TWENTY is a specialist mould release agent based on a unique, active material that has been formulated to provide improved release characteristics (compared to conventional non-silicone release agents) on a wide range of thermoplastic and thermoset materials, whilst still allowing post moulding operations to be carried out.

APPLICATIONS

Provides a light, 'wax-like', film for the release of plastic parts in injection moulding. It is particularly suited to automotive, rapid prototyping and consumer electronic moulding operations where post moulding processes usually occur. Will not build up in the mould and helps to improve surface finish, reduce rejects and increase production.

Formula 20 is highly suited for use as a wax pattern release agent in lost wax casting applications. It eliminates the need to wax wash patterns prior to ceramic shell coat process.

BENEFITS

- Releases as effectively as traditional silicone based release agents
- No oily film reduces the need to clean
- Will not affect post moulding operations
- Effective on a wide variety of materials including ABS, Polyethylene, Polypropylene, PVC, Polyamides and Polyurethanes

N.B. The active material in Formula Twenty will allow post-process treatment (e.g. painting, plating, bonding and thermowelding) of the moulded part.

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

TECHNICAL DATA

Appearance	: Clear, colourless liquid
Odour	: Characteristic hydrocarbon
SG @ 25°C	: 0.7
Pressure @ 25°C	: 6.7 Bar
Discharge rate	: 1.0 g/sec

Temperature range	: Operational up to 150°C
Solubility	: Soluble in solvents, insoluble in water
Flammability	: Classified as extremely flammable under current EC Regulations
Flashpoint	: Not applicable in sealed aerosol
Packaging	: 400 ml aerosol (12 per carton)

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 36 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

Ambersil provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

CRC Industries UK Limited, Wylds Road, Bridgwater, Somerset, TA6 4DD

Tel: +44 (0) 1278 727200

Fax: +44 (0) 1278 425644

Web: www.ambersil.com

E-mail: salesuk@crcind.com