



Polymer Processing

FORMULA 20

PAINTABLE RELEASE AGENT FOR PLASTICS AND RUBBERS

Formula 20 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. Formula 20 releases as effectively as traditional silicone based release agents. No oily film reduces the need to clean. Will not affect post moulding operations.

PRODUCT CODES / FILL SIZES



30227 / 400ml

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.

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

DIRECTIONS

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

TECHNICAL DATA (WITHOUT PROPELLANT)

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

MATERIALS COMPATIBILITY

OK	Effective on a wide variety of materials including ABS, Polyethylene, Polypropylene, PVC, Polyamides and Polyurethanes
CAUTION	-
NOT OK	-

STORAGE & SHELF LIFE

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

A separate Safety Data Sheet (SDS) according to EC Regulation 73/404/EEC and 648/2004/EC is available from Ambersil.com or via info.uk@crcind.com

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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