



Polymer Processing

FORMULA 1

HEAVY DUTY, SILICONE RELEASE AGENT

Formula One is a multi-purpose, heavy duty, silicone mould release agent. It is based on a high percentage silicone formulation, designed for stubborn and hard to release plastic and rubber mouldings.

PRODUCT CODES / FILL SIZES



31532 / 400ml



31678 / 25Ltr



31675 / 200Ltr

APPLICATIONS

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

Also useful as an anti-stick agent in the textiles, foam converting, printing and shoe industries.

N.B. Contains silicone so may be unsuitable where decorative work (e.g. painting, plating) is necessary on the moulded part. If a nonsilicone product is required, use Formula Seven or Formula Four.

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	Hydrocarbon
SG @ 25°C	0.769
Pressure @ 25°C	3.5 Bar
Discharge rate	0.85 g/sec
Temperature range	Operational up to 200°C. (High temperature version also available - Formula One H. Topperational up to 300°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 -
CAUTION -
NOT OK -

STORAGE & SHELF LIFE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 6 years 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

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.

Version 2.0
Created: July 2019
Updated: N/A

CRC Industries UK Ltd.
Wylds Road, Bridgwater
Somerset, TA6 4DD
United Kingdom

t +44 (0)1278 727200
f +44 (0)1278 425644
e sales.uk@crcind.com
w www.ambersil.com

Company Registered No. 04910479

VAT No. GB 821 5195 42

