

# Technical Data



## **FORMULA ONE** **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.

### **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 food, 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 non-silicone product is required, use Formula Seven or Formula Four.**

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

### **TECHNICAL DATA**

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.T- operational 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
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**

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