

# Technical Data



## DP 200

### AIR CURING, SEMI-PERMANENT SILICONE RELEASE AGENT



**DP 200 is a specialist air curing, dry film which provides a long lasting semi-permanent release coating.** It is based on a high percentage mixture of silicone resins and provides a highly durable release film for many polymer types, natural and synthetic rubber and rotational moulding grades of Polyethylene.

#### APPLICATIONS

Cures on exposure to air and forms a semi-permanent coating which acts as an effective release agent in the rotational moulding industry. Also highly useful for moulding processes and materials where a durable, long lasting release film is

required.

Can be used as mould seal or as a base coat for the subsequent application of other Ambersil mould release agents.

Spray a light, even coating from 9" - 12" (25 - 30 cm) and leave to cure for approximately 10 minutes at room temperature. Curing can be accelerated by heating at 110°C for approximately 6 minutes. Re-apply as necessary.

#### TECHNICAL DATA

|                          |   |                                                                                                              |
|--------------------------|---|--------------------------------------------------------------------------------------------------------------|
| Appearance               | : | Clear, colourless liquid                                                                                     |
| Odour                    | : | Solvent                                                                                                      |
| Specifications/Approvals | : | Rolls Royce Item 116061, Approved Supplier 176                                                               |
| SG @ 25°C                | : | 0.7                                                                                                          |
| Pressure @ 25°C          | : | 4 Bar                                                                                                        |
| Discharge rate           | : | 1.0 g/sec                                                                                                    |
| Temperature range        | : | Operational up to 200°C                                                                                      |
| Curing time              | : | Approximately 10 minutes at room temperature. Can be reduced to approximately 6 minutes by heating at 110°C. |
| Recommended solvents     | : | Amberklene FE10, ME20 or L030                                                                                |
| 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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