

technical data sheet

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Description

Release Coat PW5140 is a semi-permanent methylpolysiloxane silicone release agent.

Applications

Release Coat PW5140 is a formulated non-stick coating which imparts a hard gloss finish to metal surfaces. It is safe to use with food products and facilitates the easy separation of baked goods from industrial bread pans and cake tins.

Product Features

Release Coat PW5140 is fast curing and semi-permanent formulation which meets US FDA, German BfR and EU criteria for food contact. The life of the coating will be dependent upon factors such as the baking mix, sugar content, amount of release oil used etc.

Method of Use

Any metal surface to be coated with Release Coat PW5140 should be clean and free from grease and moisture. When re-coating surfaces remove the old coating by soaking for 24 hours in hot caustic solution.

Release Coat PW5140 should be used as received and no further dilution is required. It can be applied by either dipping or spraying. In most operations a coating thickness of between 10-15 microns will give optimum results. Precise coating depth should be determined by trial. A typical curing cycle for coated articles would be; fume off solvent, begin in an oven rising from ambient to 200°C, hold for 1 hour then allow to cool.

Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for Release Coat PW5140 on request. It contains any safe handling guidelines that may be relevant to this product.

Storage, Shelf Life & Packaging

Release Coat PW5140 has a shelf life of 8 months when stored in original and unopened containers between 5°C and 30°C. This product is available in 25 litre containers. Please note that it is sold in kilograms and the actual capacity of a container (in kg) is dependent upon the specific gravity of its contents.

Compliance

- FDA CFR 21 175.300 (Resinous and Polymeric Coatings)
- German BfR Chapter XV (Silicones)

Typical Properties

- Appearance: Dark straw coloured liquid
- Solids: 36.0 – 40.0 %

Please note; these are typical properties only and should NOT be construed or used as a specification for this product.

(OPM3/D3)

TDS: 320

Issue: 02

Revised: 07/01/2020

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This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015 by Intertek Certification Ltd.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

Technical Support Contact Details

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