



## TECHNICAL DATA SHEET

### RELEASE COAT PW7630

#### Description

Penn White Release Coat PW7630 is a formulated silicone solution which is a fast curing, semi-permanent coating designed for use on metal surfaces. All components meet FDA / BGA approval for food contact.

#### Typical Properties

Physical Form	Dark / Straw coloured liquid
Appearance	Dark/ Straw Coloured Liquid
S.G.	0.99 at 25°
Solvent	Xylene / Toluene
Solids Content	30% +/- 2%

Type: Formulated semi-permanent polymethylphenyl silicone release coating

#### Uses

Release Coat PW7630 is designed as a non-stick coating for industrial bread pans and cake tins. The release coat is designed to give a hard, shiny finish on metal surfaces in contact with food products.

#### Processing

Release Coat PW7630 is designed to be used as received, no further dilution is required. Application can be by dipping or spraying. In most operations a coating thickness of between 10-15 microns will give the optimum results.

#### Suggested Curing Cycle for Coated Articles

1. Fume off solvent.
2. Approx 20 mins, in oven, rising from near ambient to 200°C
3. 20 mins approx at 235°C.
4. 10 mins at 250°C.

**Please note:** These details are suggestions. Users are recommended to carry out trials to determine optimum figures, depending on their specific operating conditions and methods.

NB Any metal surface to be coated with Release Coat PW7630 should be clean and free from grease. When re-coating surfaces it is first necessary to remove the old coating by soaking for 24 hours in hot caustic solution.

## **Coating Life**

The life of the coating will be dependent upon a number of factors, the baking mix, sugar content, how much release oil is used by the bakers etc. It is important that moisture **MUST** not be trapped beneath the coating on application. This will adversely effect the lifetime of the coating.

## **Storage & Shelf Life**

When stored in its original containers at temperature below 32 °C, PW7630 has a minimum shelf life of 8 months.

## **Safe Handling Procedures**

Safe handling procedures for this product can be found in the MSDS for this material which is supplied upon request.