

Technical Data Sheet



Product Name:

Chromate Touch Up Solution

Product Number:

DOW 19

Product Description:

Brush on touch up solution for chromating magnesium alloy parts, where dismantling and re-chromating of the article is too costly, or impractical.

Used for repair of small areas of damage to chromate protection of magnesium components.

Approvals/Specifications:

- Mil-M-3171C-Type vi.
- Rolls Royce Product No. 111874
- Covered in RPS 22 (Pages 14 & 15)
- OMAT 1/275A

Dow 19 is referenced in TSD594

Dow 19 is made up as a liquid and has a good shelf life when stored in a sealed bottle.

Performance:

Approved as a touch-up for damage to previously chromated or anodised magnesium assemblies or single parts. This conversion coating provides performance similar to the original surface treatment

Components:

Single Part Product.

Application:**Surface Preparation:**

Ensure that surfaces are clean and free from dirt

Paint Preparation:

Ready to use

Application Method:

Use in accordance with relevant process specification or overhaul process. Alternatively apply by swab or brush. Apply continuously

until a brassy coloured film is produced. Water-wash when the desired colour is observed.

The resulting appearance should be of a light-dark brown colour. The article(s) may then be primed and finished.

Drying Curing:

Following application and water washing to remove any residual material dry to remove moisture before further coating. The applied treatment may be oven dried at up to 80°C to aid drying before further processing of the treated surface.

Technical Properties:

Supply Viscosity:	N / A – Water Viscosity
Flash Point:	Non-Flammable
VOC Content:	0 g / litre
Colour:	Yellow / Orange Liquid
Pack Size:	500ml Containers
Density:	1.01 g / ml
Gloss:	N / A
Thinner:	N / A
Solvent/Clean Up:	Water
Catalyst:	N / A
Theoretical Coverage:	Application specific

Storage:

Water based corrosive and environmentally hazardous material. Do not free and ensure that storage complies with local environmental controls.

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

Disclaimer:

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Safety Data Sheets:

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