

# Technical Data Sheet



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**Product Name:** Graphite Conductive Coating

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**Product Number:** IP2476

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**Product Description:** Graphite containing resin solution for application to components where a conductive surface is required.

Typically used on antenna rods for the Aerospace Industry.

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**Approvals/Specifications:** Cobham Antenna Systems

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**Performance:** Resistivity: 20-50 MOhms @ 500V.

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**Components:**

- IP2476 Graphite Conductive Coating
- 665-550-025 Thinner

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**Application:**

**Surface Preparation:** Ensure surfaces are clean, dry and free of surface contaminants.

**Paint Preparation:** Stir well before use. Thin as required with Thinner 665-550-025. Percentage of thinner added will affect coating deposition.

**Application Method:** Apply by dip. Check dip tank regularly to ensure no settlement of graphite component.

**Drying Curing:**  
**Flash off:** 20-30 minutes  
**Cure:** 12 hours @ 140°C (285°F)

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**Technical Properties:**

<b>Supply Viscosity:</b>	120-140 secs / ISO 6 Cup / 23±0.5°C
<b>Supply Solids:</b>	47-49% w/w
<b>Flash Point:</b>	25°C
<b>VOC Content:</b>	567gm/litre

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<b>Colour:</b>	Black Matt
<b>Pack Size:</b>	1 Litre Cans
<b>Density:</b>	1.072gm/cc
<b>Gloss:</b>	Matt
<b>Thinner:</b>	665-550-025
<b>Solvent/Clean Up:</b>	665-550-025
<b>Catalyst:</b>	N/A
<b>Theoretical Coverage:</b>	380m <sup>2</sup> / litre per micron

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## Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

**Shelf Life:** 12 months temperate; 6 months tropical

**Before use, refer to Product Safety Data Sheet**

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## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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