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**Product Name:** Air Drying Aero Engine Touch up Materials

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**Product Number:**

- IP9169 Clear
- IP9170 Grey
- IP9173 Black
- IP9174 Red Oxide

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**Product Description:** Clear, aircraft grey, black and red oxide materials for use on damaged areas of baking enamels and cadmium plate. With resistance to normal aircraft fluids and high operating temperatures.

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**Approvals/Specifications:** MSRR9037. (Now Withdrawn)

These were previously approved to AFS 307, and AFS 897A.

IP9169, 9170, and 9173 is approved to MTU MTS 1026A

- **Clear:** IP9169 Alternative to 1721-C-8187, CO 5187, CV114-1503, O MAT 7/24A, NSN 8010 9970 90237
- **Grey:** IP9170 Alternative to 1721-D-6930, CO 5153/693, MP399/693, 7/35A
- **Black:** IP9173 Alternative to 1721-X-9520, CO 5152 was Omat 709.
- **Red Oxide:** IP9174 Alternative to 1721-P4011, CO 5151 - Please note this is not a Rolls Royce preferred material (it was Omat 708).

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Ford Motor Company SQ-M99 J9560A

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**Performance:** Tested to MSRR9037 which includes:

- 100 hours dry heat at 220°C (430°F)
- 3 hours ester lubricant resistance (Skydrol) at 70°C (160°F)
- 100 hours aviation fuel resistance at 150°C (300°F)

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**Components:** Single Pack Product. May be thinned for application using IP9151

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## Application:

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|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Surface Preparation:</b> | The clear version is now recommended for use as the primer in all applications in place of the virtually obsolete red oxide to MSRR9037. |
| <b>Paint Preparation:</b>   | Stir well before use.<br>May be thinned up to 10% by volume for Spray application.                                                       |
| <b>Application Method:</b>  | Designed for Brush or Spray application.                                                                                                 |
| <b>Drying Curing:</b>       | Air Dried product. Allow a minimum 30 minutes air drying at room temperature before overcoating.                                         |

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## Technical Properties:

|                              |                                 |
|------------------------------|---------------------------------|
| <b>Supply Viscosity:</b>     | 60–70 seconds ISO5 @ 23 +/- 2°C |
| <b>Flash Point:</b>          | 24°C                            |
| <b>VOC Content:</b>          | ~700 g/litre                    |
| <b>Colour:</b>               | Variant Specific                |
| <b>Pack Size:</b>            | 1 & 5 litre                     |
| <b>Density:</b>              | Refer SDS section 9             |
| <b>Gloss:</b>                | Glossy finish                   |
| <b>Thinner:</b>              | IP9151                          |
| <b>Solvent/Clean Up:</b>     | 40006 Gun Cleaner               |
| <b>Catalyst:</b>             | N/A                             |
| <b>Theoretical Coverage:</b> | 10-12 sq m per litre            |

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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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