
Product Name: Air Drying Aero Engine Touch up Materials

Product Number:

- IP9169 Clear
- IP9170 Grey (BS381C – 693)
- IP9173 Black
- IP9174 Red Oxide

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.

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 (Now Withdrawn)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).

Ford Motor Company SQ-M99 J9560A

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)

Components:

Single Pack Product. May be thinned for application using IP9151 or IP985-REDUCER.

IP985-REDUCER is preferred. IP9151 is still approved for use but is no longer a preferred solvent as it triggers risk phrase R40. Other solvents may be suitable in certain circumstances

Application:

Surface Preparation:

The clear version is now recommended for use as the primer in all applications in place of the virtually obsolete red oxide to MSRR9037.

Paint Preparation:

Stir well before use.
May be thinned up to 10% by volume for Spray application.

Application Method:

Designed for Brush or Spray application.

Drying Curing:

Air Dried product. Allow a minimum 30 minutes air drying at room temperature before overcoating.

Technical Properties:

Supply Viscosity:	60–70 seconds ISO5 @ 23 +/- 2°C
Flash Point:	24°C
VOC Content:	~700 g/litre
Colour:	Variant Specific
Pack Size:	1 & 5 litre
Density:	Refer SDS section 9
Gloss:	Glossy finish
Thinner:	IP985-REDUCER is preferred. IP9151 is still approved for use but is no longer a preferred solvent as it

triggers risk phrase R40. Other solvents may be suitable in certain circumstances

Solvent/Clean Up: 40006 Gun Cleaner

Catalyst: N/A

Theoretical Coverage: 10-12 sq m per litre

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:

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