

# Technical Data Sheet



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**Product Name:** High Temperature Air Drying Anti-Corrosive Finish

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**Product Number:** IP9036-RANGE  
For Primer See IP9036-PRIMER

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**Product Description:** High temperature one part anti corrosive air dry coating for spray, brush or dip application which will withstand operating temperatures of up to 650°C. The coating is permanently resistant against temperatures up to 300°C combined with good solvent and chemical resistance for use on furnaces, chimneys and electrical equipment. May also be used on jet engines, and jet pipes.

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**Approvals/Specifications:** Meets the performance requirements of Mil-C-13370 ( obsolete ) and Mil P 14105 E

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**Performance:** Tack free physical air drying after approximately 30 minutes. Over coating time approximately 1 hour.

Maximum resistance to solvents after 24 - 48 hours. To achieve optimum properties the coating should be run for 2 - 4 hours at temperatures of above 190°C. ( Mil spec states above 204C )

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**Components:** Single Component Coating – Thinner, AD-THIN may be added for spray application.

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**Application:**

**Surface Preparation:** All surfaces must be clean, free from grease and clean of any holding coatings. Protective holding or blast primer that may be present on steel substrates must be removed prior to paint application. Blast cleaning is the preferred method for removing previous paint coats. Non-heat resistant paints that are present on

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any substrate before applying IP9036 will degrade when heated causing the coating system to fail.

For mild-steel substrates the use of IP9036-PRIMER is recommended for optimum substrate protection.

## Paint Preparation:

Stir well before use. This coating does not need an induction time. Thinner AD-THIN may be added to aid smooth application or to help provide a wet edge on larger components.

## Application Method:

Spray application is the preferred method. Small areas may be brushed.

## Drying Curing:

Air drying coating. Coated parts can be transported without any pre-curing process.

Full cure is achieved after the coating has been run or cured at elevated service temperatures of 190°C+

## Technical Properties:

<b>Supply Viscosity:</b>	70-90s, ISO5 @ 23 +/- 1°C
<b>Flash Point:</b>	25°C (closed cup)
<b>VOC Content:</b>	530g/l
<b>Colour:</b>	To order – Refer to Sales
<b>Pack Size:</b>	5, 20 litre
<b>Density:</b>	1.17-1.21 kg/l
<b>Gloss:</b>	Matt
<b>Thinner:</b>	Xylene or AD-THIN
<b>Solvent/Clean up:</b>	40006 Gun cleaner
<b>Catalyst:</b>	N/A
<b>Theoretical Coverage:</b>	10-11 sq m/lt

## 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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