

# Technical Data Sheet



IP3-6971

Edition July 2022 Revision 1

## Product Name

Two Component Light Admiralty Grey Semi-Gloss Low VOC

## Product Description

Two component low VOC epoxy to BS381C Light Admiralty Grey. Semi-gloss for use where stoving is not possible or desirable. It can be used on a wide variety of substrates including metals, wood, asbestos, many synthetic rubbers and plastics.

## Approvals and Specifications

Complies with various aerospace specs  
Turbomeca Spec LB568  
MSRR 9064  
DEF Stan 80-161

## Performance Properties

After 7 days air curing, or force cure 30 minutes at 125°C will pass;  
Heat resistance 48 hours at 400°F; (204°C)  
Heat resistance 100 hours at 180°C  
Hot oil: 8 hours in ASTM Fluid 101 (ASTM D 471) at 350°F (176°C) show no peeling or softening  
Fuel resistance ASTM ref Fuel B 4 hours at room temperature without peeling or softening  
1000 hours hot salt spray to ASTM B-117 scribed to metal  
Resistant to 10 cycles 4 hours at 150°C (300°F) 20 hours in salt water fog as part of system  
Resistant to temperatures of down to at least -40°C

## Components

2 Component Material 9:2 PBV with IP3-CAT-S  
IP3-6971: Base  
IP3-CAT-S: Catalyst  
IP3-REDUCER: Thinner if required

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## Application

Refer to IPAS for full detailed instructions.

<b>Surface Preparation</b>	Text Lightly abrade areas around the repair area to provide adhesion. Ensure surfaces to be coated are clean and free from dust/dirt.
<b>Paint Preparation</b>	Mix 9 parts by volume base component IP3-6971 with 2 parts by volume catalyst IP3-CAT-S and stir well. Allow 15 minutes induction time, then re-stir before use.
<b>Mixing Ratio</b>	9:2 Parts by Volume 3:1 Parts by Weight
<b>Application Method</b>	Apply by spray, or for small areas by brush. When spray applied, thin material with up to 10% thinner IP3-REDUCER.
<b>Drying and Curing</b>	Air Dry: Touch Dry: 3-4 hours; Hard Dry: 16-24 hours Force Cure: Flash off 20-30 minutes; Cure: 20-45 minutes @ 125-900C

## Liquid Technical Properties\*\*

Supply Viscosity	1200-1600 cP
Flash Point	27°C Closed Cup
Density	1.48 grams/cc – Base
VOC Content	252 grams/litre - Mixed
Colour	BS381C Light Admiralty Grey
Gloss	Semi-Gloss
Thinner	IP3-REDUCER
Solvent/Clean Up	IP3-REDUCER or 40006 Gun Wash
Theoretical Coverage	19m <sup>2</sup> at 40 microns
Pack Size	5 Litre Container
Pot Life	4 Hours when mixed

\*\* - The values referenced are obtained from Batch testing using controlled Quality techniques.

## 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**

\*\*\* - Indestructible Paint decline any responsibility deriving from improper storage of Product and its Catalyst.

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## Contact

For Safety Data Sheets or other Information please contact our sales Department:

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