

# Technical Data Sheet



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**Product Name:** Incralac Protective Lacquer for Non Ferrous Metals;  
Brass & Copper

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**Product Number:**

- 40005 – Gloss
- 40058 – Satin
- 40057 – Matt

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**Product Description:**

Air drying clear lacquer initially developed for stringent military standards for use in protecting non-ferrous metals in arduous conditions.

This product is now available to the general market for protecting such metals as brass, aluminium and copper. With an excellent balance of hardness, adhesion and film toughness. Incralac has excellent resistance to UV light and resists yellowing and loss of gloss and clarity upon ageing. Originally developed for protection of brass shell cases, this product is intended for interior or exterior use.

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**Approvals/Specifications:**

- NSN 8010-99-220-5827

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**Performance:**

- Excellent salt spray performance
- Gives good exterior weathering

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**Components:** Single Pack Product. May be thinned for application using 18802

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**Application:**

**Surface Preparation:** Before application ensure removal of all polishing compounds and other surface contaminants by cleaning with cellulose thinners.

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## Paint Preparation:

Stir well before use. All separated material must be re-incorporated into the bulk product. No time limits are specified for the mixing operation. The operator must be satisfied that the product including any thinning solvent is thoroughly mixed before use. Where mechanical mixing is employed care must be taken to not heat the product to above the maximum storage temperature. Mixing in open containers should be limited to <10 minute periods to ensure that solvent evaporation does not compromise the product. Shaking or rolling in closed containers is an acceptable mixing method for small volume products supplied ready for use.

## Application Method:

Can be applied by Brush or Spray. Do not use below 10°C.

Apply 3-4 coats of Inctalac. Allowing to touch dry for 15 minutes between coats. After use clean equipment with cellulose thinners. Take care not to brush out the lacquer too heavily when applying the follow on coats, as it is possible to soften the previously applied coats.

## Drying Curing:

**Air Dry:** 10 minutes

**Hard Dry:** 1 hour

## Technical Properties:

<b>Supply Viscosity:</b>	50 Secs / ISO3 Cup / 23±2°C
<b>Flash Point:</b>	>0°C<21°C
<b>VOC Content:</b>	768 gms / litre
<b>Colour:</b>	Clear
<b>Pack Size:</b>	5 litre
<b>Density:</b>	0.91 kg/litre
<b>Gloss:</b>	40005 – Gloss 40058 – Satin (40±5% on 60°head) 400057 – Matt (10±3% on 60°head)
<b>Thinner:</b>	18802
<b>Solvent/Clean Up:</b>	18802
<b>Catalyst:</b>	N / A
<b>Theoretical Coverage:</b>	6 sq m/litre @ 20 microns

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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:**

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