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**Product Name:** 2 Part Low Temperature Curing Epoxy Sealant and Adhesive

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**Product Number:** NML35 Part A & B

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**Product Description:** NML 35 is a non-flowing high strength and general bonding adhesive.  
Epoxy based 2 part product used in aero engine applications such as bonding PTFE pads onto fan discs.

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**Approvals/Specifications**

- MSRR 9026
- AFS 525
- AFS 712

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**Performance:** After curing, with a glue line 0.05mm – 0.15mm thick for 1 hour at 100°C, withstands double lap shear strength testing follows:

- Dry air at 80°C – 1,000 hours
- Hydraulic Fluid at Room Temperature – 1,000 hours
- Synthetic Oil at Room Temperature – 1,000 hours
- Fuel at Room Temperature – 1,000 hours
- Distilled Water at Room Temperature – 1,000 hours

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**Components:**

|                  |        |
|------------------|--------|
| <b>Product:</b>  | NML35A |
| <b>Catalyst:</b> | NML35B |
| <b>Thinner:</b>  | N/A    |

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**Application:**

**Surface Preparation:** Ensure that all surfaces are clean and free from dirt

**Paint Preparation:** Mix 70:30 parts by weight - Part A to B  
The two components shall be thoroughly mixed until homogeneous.

**Application Method:** Ask for RPS 407 / 4

**Drying Curing:** The mixed adhesive has a pot life of approximately  $\leq 2$  hours at room temperature. Glue line shall be 0.05mm to 0.15mm and then cured for 1 hours at 100°C or 3 hours at 70°C or 24 hours at room temperature.

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# Technical Data Sheet



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## Technical Properties:

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Supply Viscosity:</b>     | N/A                               |
| <b>Flash Point:</b>          | >80°C                             |
| <b>VOC Content:</b>          | 0 g/ltr                           |
| <b>Colour:</b>               | N/A resinous paste                |
| <b>Pack Size:</b>            | Part-A: 700g, Part-B: 300g        |
| <b>Specific Gravity:</b>     | 1.14 g/ml mixed                   |
| <b>Gloss:</b>                | N/A                               |
| <b>Thinner:</b>              | N/A                               |
| <b>Solvent/Clean Up:</b>     | 40006 Gun Cleaner                 |
| <b>Catalyst:</b>             | Part A&B 2 part kit               |
| <b>Theoretical Coverage:</b> | 18 m <sup>2</sup> /kg @ 50 micron |

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## Storage:

5 – 35°C in suitable container. This material will burn if involved in a fire.

**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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