

**AEROSPACE
MATERIAL
SPECIFICATION**

AMS 3726/3

Issued 10-1-83
Revised

**SHIMS, FILLED RESIN COMPOUND
Liquid Precatalyzed**

1. SCOPE:

- 1.1 **Form:** This specification covers a filled, resinous, thermosetting, precatalyzed, liquid compound capable of being applied and cured in place between the surfaces of mechanically fastened (joined) structures.
- 1.2 **Application:** Primarily for use as a molded shim during assembly of aircraft components and parts. The compound covered by this detail specification requires storage in the frozen condition just prior to installation.

2. **APPLICABLE DOCUMENTS:** Shall be as shown in AMS 3726.

3. TECHNICAL REQUIREMENTS:

- 3.1 **Basic Specification:** The complete requirements for procuring the product described herein shall consist of this document and the latest issue of the basic specification, AMS 3726.
- 3.2 **Material:** Shall be an precatalyzed epoxy or modified epoxy-base polymer supplied in a tube. The amount of material in a tube shall be as specified by the contract or purchase order.
- 3.2.1 Compound shall meet the requirements of this specification at any time up to six months from date of receipt by purchaser when stored below -37°C (-35°F) in the original unopened containers.

3.3 Cured Properties: Shall be as follows:

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| 3.3.1 Hardness, Durometer D or equivalent, min avg | 92 | ASTM D2240 |
| 3.3.2 Specific Gravity, max | 1.60 | ASTM D792 |

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