

## Adelphi A-802

### Chemical Resistant Sealant

**Adelphi A802** is a two part flexible room temperature curable sealant with excellent resistance to aircraft fuels, lubricants, oils, water and weathering. It adheres to aluminum, titanium, magnesium, steel, and other substrates. It is used to seal integral fuel tanks, pressurized cabins and anywhere requiring resistance to aircraft fuels, lubricants, oils, water and/or weathering. A-802 is designed to withstand sulfuric compounds present in jet fuels.

When mixed, A- 802 can be either self-leveling or a thixotropic paste. The thixotropic paste will not flow or sag on vertical or overhead surfaces. A-802 exhibits excellent adhesion to most substrates providing the surface to be sealed is cleaned and prepared properly and is approved for missiles.

	Viscosity	Color	Mixing Ratio	Hardness (Shore A)	Shelf Life
Part A	Varies from pourable to thixotropic	Aluminum	100 Parts	120 Hrs. @24C ± 1C 50 (min.)	6 months
Part B		Black, Mixed Color Aluminum	10 Parts	28 days @24C ±1C 60 (min.)	

### Surface Preparation:

Clean and degrease parts. The cleaning solvent blend should not leave a residue on the surface to be bonded.

### Mixing:

Parts A and B are delivered as a kit. Each kit has specific lot numbers. This combination of lot numbers were tested. It is important to blend the specific lot numbers that were supplied as a kit.

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Prior to blending or measuring materials to be mixed, thoroughly mix each part individually. Mix part A by itself. Mix part B by itself. Then they will be ready to be measured and ultimately blended together.

When mixing together, mix until a uniform aluminum color is obtained. The mixed material should be free of black streaks.

**Mix Ratio:** 100 parts A to 10 parts B by weight.

**Application:** Apply A-802 to a cleaned and prepared surface.

**Cure Schedule:** Cure schedules are based on 77F and 50% RH and may vary. Please call for additional directions for varying the cure schedule.

Increased temperatures and humidity will reduce the work life and accelerate the cure.

Conversely lower temperatures and humidity will extend the work life and retard the cure.

Accelerated cure can be obtained with heat but not to exceed 120F.

**Cleaning:** Uncured sealant cleaned with solvent, cured sealant soak with polysulfide/epoxy stripper.

Technical Questions? Call us. We are happy to help! +631-537-8390

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