

Aircraft Specialty Products

AP 280 Instruction Manual

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Safety Steps and Procedures To Follow Prior To Applying AP 280:

Always refer to the safety data sheet (SDS), technical data sheet (TDS), and label prior to applying **AP 280** if you have any questions about this product.

Always wear gloves, protective eyewear, and protective clothing when handling **AP 280** to prevent the material from making contact with the skin and eyes.

Make sure there is proper airflow in the area where **AP 280** will be applied and wear the proper respiration devices to prevent the Inhalation of fumes especially if the ventilation in the area where **AP 280** is applied is insufficient.

Make sure there are no sparks, open flames, or other combustion sources in the area where **AP 280** will be applied.

AP 280 Features and Benefits:

AP 280 is a silicone heat sink compound that is pre-ratioed and comes in a kit of uncatalyzed silicone resin with a select grade of aluminum powder.

AP 280 maintains an excellent bond while exhibiting vibration resistance and flexibility over a very broad temperature range from **-100°F to 550°F (-73°C to 288°C)** in **continuous service**.

The putty-like consistency of **AP 280** exhibits a high degree of flexibility and adhesion while functioning as an excellent heat sink.

Once the **silicon resin** and **aluminum powder** are thoroughly mixed and applied to the substrate, **AP 280** will thicken to a **“putty-like” consistency**.

Procedures For Applying AP 280:

Mix both components of **AP 280** completely prior to applying it to an area.

Use spatula to apply **non-curing** and **pressure sensitive putty/aluminum mix** at about **15 mils (381 microns)** thick. This thickness can be measured using putty thickness instruments.

Let mix stand for **1 to 2 hours** so that it gains **“tack”**.

Manipulate **mix** to lay heater element into the putty compound.

Places Where AP 280 Should Be Applied:

AP 280 is formulated specifically for use when changing the **static port heater element** on the **DC-9** and **MD80 powerplants**.

 For more information contact us :
zipchem@addevmaterials.com



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AP 280 Product Packaging Part Numbers and Additional Materials To Order:

AP 280

*1 Oz (28 gram) Kit of Silicone Resin and Aluminum Powder Packaged in Separate Containers-**008671**

*5 Oz (142 gram) Kit of Silicone Resin and Aluminum Powder Packaged in Separate Containers-**002788**

Gloves | Protective Clothing

Protective Eyewear | Spatula

Respiratory Equipment

Ventilation Equipment

Puddy Thickness Instruments

Mixing Devices

Device For Manipulating Mix



AP 280 5 Gallon (18.9 Liter) Pail

For application questions regarding the AP 280, contact Zip-Chem® Aviation Products at (1) 408 782 2335 or zipchem@addevmaterials.com.



For more information contact us :
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