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AerOseal® Part Numbers 61226-2 and 61226-3

AerOseal® is a specially formulated liquid that prevents penetration of moisture into ceramic insulations. It is effective on magnesium oxide, aluminum oxide and similar materials used in thermocouples, metal-sheathed conductors, electrical heating elements and ceramic electronic components. Through diffusion, AerOseal® forms a positive moisture barrier, yet permits the coated part to "breathe".

AerOseal® is a clear, colorless, inorganic liquid of a proprietary, patented composition. It is non-toxic and contains no boron or equivalent nuclear poisons and is essentially harmless.

When applied properly, the seal is effective over the temperature range of -240 to +420°C (-400 to +788°F). It can withstand thermal shock from +420°C (788°F) to -185°C (-300°F) in 2 seconds. Exposure to temperatures above +420°C (788°F) will cause the seal to deteriorate without affecting insulation resistance properties.

The shelf life of AerOseal® is indefinite if cap is kept securely closed while not in use.

Directions for Use:

1. Heat part to be sealed at 400°F for a minimum of 3 hours to remove all traces of moisture.
2. Remove from oven and immerse immediately in AerOseal® while the part is still warm. Soak entire part for 5-15 minutes.
3. After soaking, heat part in circulating air oven at 500°F for 3-5 hours.
4. It is recommended that normal Volatile fume precautions be taken when performing step 3. A well-ventilated air circulating oven, preferably of the forced draft type should be used.