

SMI Inc.

SCIENTIFIC MATERIAL INTERNATIONAL

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**12219 SW 131 Avenue Miami, Florida 33186-6401 USA**

**Phone (305)971-7047 Facsimile (305) 971-7048**

**Product: E-Z Grip (Marine Formula) (rec'd 13-Sep-1995)**

**Dilution: As received (well shaken before use)**

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MIL-R-81294D

Paragraph 4.6.4.3.1

Notched C-Ring

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1. Notched C-Ring
2. Procedure. The ring shall be stressed to 65 percent of the predetermined average breaking strength by tightening the nut until the diameter of the ring, measured across the bolt, is reduced to the calculated value. (In most cases the diameter will be reduced by 0.22 cm (0.087 inch)). Any steel bolt of suitable size may be used for the stressing. If equipment is available, this may be done more accurately with a strain indicator and a loading bolt containing a strain gauge. The stressed ring shall be immersed for 60 seconds in the paint

remove sample with the notched side down to a point where the ring is covered approximately one inch on either side of the notch. The rings shall be removed and allowed to hang notched side down in air for 100+/- hours. No rinse of any kind shall be used after dipping. Suitable hangers may be made of plastic or rubber coated wire. The rings shall not break or crack during the 100 hour test period.

Result: Conforms

Respectfully submitted,

Patricia D. Otero, SMI Inc.

Note: This procedure was selected as it most closely resembled the requirements outlined by Jim Muller.