

A-A-59691  
August 10, 2001

## COMMERCIAL ITEM DESCRIPTION

SILICONE COMPOUND  
NATO CODE NUMBER S-736

The General Services Administration has authorized the use of this Commercial Item Description, for all federal agencies.

1. Abstract. This document covers requirements for silicone compound which meets the requirements of Society of Automotive Engineers (SAE) specification SAE-AS8660 with additional requirements as listed here.
2. Preproduction. Prior to supplying material to this specification, the supplier shall provide objective evidence of successful completion of preproduction testing. The material shall have been certified and assigned a "Limited" or "Permitted" usage category in accordance with the Nuclear Powered Submarine Atmosphere Control Manual (NAVSEA S9510-AB-ATM-010/(U)). Products previously tested and certified to NAVSEA S9510-AB-ATM-010 as "Limited" and "Permitted" satisfy the preproduction requirements of this specification unless processing or formulation changes are made. Requests for certification of materials not listed in Appendix A of NAVSEA S9510-AB-ATM-010/(U) can be made in writing to the Commander, Naval Sea Systems Command, ATTN 05L2, 1333 Isaac Hull Avenue SE, STOP 5122, Washington Navy Yard, DC 20376-5122. Contingent upon successful completion of an evaluation, NAVSEA 05L23 will certify the material and include the product in Appendix A. The supplier of the material will cover the cost of any needed tests.
3. Insolubility test method. Ethyl alcohol in accordance with A-A-59342 Grade 1 shall be used in lieu of ethyl alcohol to MIL-E-463 to determine the insolubility of the compounds in solvents in addition to distilled water, isopropyl alcohol (TT-I-735) diluted with water to 90% by weight, ethylene glycol (O-A-548), and glycerine (O-G-491).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Naval Sea Systems Command, ATTN 05Q, 1333 Isaac Hull Avenue SE, STOP 5160, Washington Navy Yard, DC 20376-5160.

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