

APPENDIX 4-A**STORAGE OF TALC****1. Description**

a. *Steatite Talc.* Steatite talc in block or lump form is used for electronic purposes and is generally white in color. Block talc is received in one grade only. Lump talc may be received, or is currently in storage, in grades, A, B, or C. When acquired, talc shall meet Purchase Specifications P-53-R2 and P-53a-R2 (Current Edition).

b. *Ground Talc.* Ground talc is a fine white powder. The ground talc presently in storage is stored in tanks, and future receipts are not anticipated.

2. Packaging

a. Block talc is generally packed in burlap bags containing from 100 to 125 pounds. Individual lumps of grades A and B are wrapped in either burlap or in paper before packing in bags, and bags containing Grade C contain shredded paper or other cushioning material.

b. Material received or presently packed in other types of containers shall remain in present containers until otherwise authorized by the DNSC-OL.

c. Talc will be packaged and received for storage in containers meeting current acquisition specifications.

3. Marking

a. Before shipments, all containers will be marked with name of material, country of origin, contract number, and gross and net weights. In addition, bags of lump talc will show the grade, designation and lot number. Identifying documents will accompany each shipment.

b. The DNSC-OL shall be notified immediately if shipments are received prior to receipt of identifying documents, if boxes or bags are received without identifying markings, or if markings are not in agreement with those shown on identifying documents and/or shipping instructions. Special projects will be established for extra work involved at the depot in marking or otherwise identifying the material.

4. Storage

a. Block or lump talc shall be stored in a warehouse, shed, or other structure so as to protect the containers from the weather. Avoid exposure of containers to direct sunlight. Segregation shall be by type, contract number, country of origin, and grade.

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b. Boxes shall be stored on base floor pallets in uniform rows and number of tiers so as to facilitate the taking of an inventory at any time by a physical count and computation. If pallets are

used between tiers, a uniform number of boxes shall be placed on each pallet, except when an odd number of boxes on the top pallet of a stack of uniform height will complete the lot. In doing this, economical use of space must be given full consideration, and all segregation requirements must be met.

c. Bags of lump talc shall be stored in box pallets segregated by grade, with a uniform number of bags in each pallet. Uniform rows and tiers shall be maintained to facilitate inventory and inspection.

5. Precautions To Be Taken

a. *Health.* Breathing air contaminated with a fine talc dust can produce a fibrotic pulmonary disease called talcosis. The handling of lump or block talc should present no problems because of the sizes of the pieces and the hardness of the material. However, strict precautions must be taken while handling any talc, particularly bulk ground talc or talc in damaged containers. The fine light particles of ground talc are highly subject to becoming airborne, and personnel who may be subject to such contamination shall wear approved respiratory protection.

b. *General.*

(1) Boxes and bags must be handled with care. Rough handling, even though moderate, may result in damage to the contents. If material is spilled, immediate action should be taken through channels to obtain authority to repackage.

(2) Tanks containing ground talc must be kept watertight at all times. Periodic inspection of tank condition shall be made, and DNSC-OL immediately notified of any deteriorating condition.

6. Average Storage Factor For Steatite Talc

Warehouse. 6.7 gross square feet per short ton.

FOR ADDITIONAL INFORMATION ON THIS COMMODITY REFER TO THE MATERIAL SAFETY DATA SHEET OR THE MOST RECENT PURCHASE SPECIFICATION.