

NOT MEASUREMENT SENSITIVE

A-A-52450D  
October 13, 2020  
SUPERSEDING  
A-A-52450C  
July 10, 2014

## COMMERCIAL ITEM DESCRIPTION

### VERMICULITE, ABSORBENT (FOR PACKAGING LIQUID HAZARDOUS MATERIALS)

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

1. **SCOPE.** This Commercial Item Description (CID) covers expanded or exfoliated vermiculite to be used for the absorbent packaging of liquid hazardous materials (HAZMAT).

2. **CLASSIFICATION.** The vermiculite shall conform to the density and grading of ASTM C516, Standard Specification for Vermiculite Loose Fill Thermal Insulation.

#### 2.1 Type.

Type I - Vermiculite loose fill insulation

#### 2.2 Grade.

Grade 3 - Fine

### 3. SALIENT CHARACTERISTICS

3.1 Characteristics. The vermiculite shall be dry, nonwetted, untreated, nonabrasive, and free from any additives or surfactants.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that may improve this document should be sent to: Chief, LOGSA Packaging, Storage, and Containerization Center, ATTN: AMAS-SPI-P, 11 Hap Arnold Blvd, Tobyhanna, PA 18466-5097 or emailed to [usarmy.tyad.usamc.mbx.pt@mail.mil](mailto:usarmy.tyad.usamc.mbx.pt@mail.mil). Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

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3.2 Workmanship. Expanded or exfoliated vermiculite shall be clean and free from extraneous particles per the Environmental Protection Agency (EPA) and Occupational Safety and Health Administration (OSHA) regulations.

3.3 Metric products. Although the metric system of measurement is the preferred system of weights and measure in CIDs, products manufactured to inch/pound units will be considered on an equal basis with those manufactured using metric dimensions, provided they fall within specified tolerances using conversion tables contained in the latest revision of FED-STD-376, Preferred Metric Units for General Use by the Federal Government, and all other requirements of this CID are met.

#### 4. REGULATORY REQUIREMENTS

4.1 Material Safety Data Sheet (MSDS). A MSDS shall be provided per Title 29 of the Code of Federal Regulations, section 1910.1200 (Hazard Communication).

4.2 Recovered material. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

#### 5. PRODUCT CONFORMANCE PROVISIONS

5.1 Product conformance. The products provided shall meet the salient characteristics of this Commercial Item Description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance.

5.2 Inspection requirements. If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch/pound units, a request should be made to the contracting officer to determine if the product is acceptable.

5.2.1 The contracting officer has the option of accepting or rejecting the product.

6. PACKAGING. The packaging and packing shall be in accordance with retail or consumer packaging, per ASTM D 3951, Standard Practice for Commercial Packaging, shall assure acceptance by common carrier, and shall provide product protection against loss and damage during multiple shipments, handling, and storage. The shipping container shall be in compliance with the National Motor Freight Classification or Uniform Freight Classification. Marking shall be as specified in the contract or order and shall include the applicable precautionary warning statements concerning nuisance dust hazards and the use of personal protection equipment.

## 7. NOTES

### 7.1 Listing of References.

7.1.1 ASTM standards are available at [www.astm.org](http://www.astm.org) or from ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

7.1.2 FED-STD-376 is available at <https://assist.dla.mil> or <https://quicksearch.dla.mil>

7.1.3 Federal Acquisition Regulation (FAR) and the Code of Federal Regulations are available at <https://www.acquisition.gov/browse/index/far> or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402-0001.

7.2 National Stock Number (NSN). Use NSN 8135-01-324-2664 when ordering absorbent vermiculite for packaging liquid HAZMAT.

### 7.3 Key words.

Exfoliated  
Expanded  
Insulation

#### MILITARY INTERESTS:

Custodians:  
Army - SM  
Navy - MC  
Air Force - 69

#### CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FAS  
Preparing Activity:  
Army - SM  
(Project 8135-2020-007)

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