

APPENDIX 4-A

STORAGE OF FERROCHROMIUM - HIGH CARBON

1. *Description.*

a. High carbon ferrochromium is an alloy composed principally of chromium and iron. It is shiny in appearance and will be received in one grade only. When acquired, H. C. ferrochrome shall meet Purchase Specification P-11b (Current Edition).

2. *Packaging.*

a. All high carbon ferrochromium is shipped in bulk.

3. *Marking.*

a. Two metal embossed pile signs with the pile number, material name, country of origin and major elements as specified by the DLA Strategic Materials shall be placed at each end of the pile.

4. *Storage*

a. High carbon ferrochromium shall be stored on open improved space equivalent to Types C or D as described in Chapter 4 of this Manual.

b. Material will be segregated into piles by country of origin as indicated on instructions issued by the DLA Strategic Materials at which time pile numbers will be assigned by the DLA Strategic Materials storage site.

c. In laying out the storage area, the piles shall be located so that a 25 foot clearance will be maintained between the toes of finished piles of high carbon ferrochromium and other ores. A minimum clearance of 5 feet is required between individual high carbon ferrochromium piles. Commingling of material is not permissible unless specifically authorized by the DLA Strategic Materials. All piles shall be so laid out as to be accessible for outloading.

d. All piles will be identified with appropriate signs. Temporary signs will be provided by the storage facility showing name of material and pile numbers. When piles are completed, permanent signs showing name of material, pile number, chrome content, and carbon content shall be used.

5. *Precautions To Be Taken*

a. *Health.* If loose metal must be handled, dust should be minimized and respirators and gloves worn.

b. *General.* None

6. *Average Storage Factor.*

a. 3.5 square feet per short ton.

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