

MIL-C-46652 (MU)
AMENDMENT 2
20 August 1973
SUPERSEDING
AMENDMENT 1
6 December 1962

MILITARY SPECIFICATION

COMPOSITION B4

This amendment forms a part of Military Specification MIL-C-46652(MU) dated 16 April 1962.

Change "MIL-C-46652 (Ord)" to "MIL-C-46652 (MU)" wherever it appears.

Page 1, paragraph 1.1 - Delete "one type" and substitute "two types"

Page 1 add following paragraph:

"1.2 Classification- Composition B4 shall be of the following types as specified (see 6.1)

- Type I - Composition B4 with calcium silicate
- Type II - Composition B4 without calcium silicate
- Grade A - Nominal viscosity of 5 seconds
- Grade B - Nominal Viscosity of 12 seconds

Page 1, Paragraph 2.1:

SPECIFICATIONS - Delete "MIL-R-00398" and substitute "MIL-R-398"

Delete "JAN-T-248" and substitute "MIL-T-248"

STANDARDS - Delete "Federal Test Method-STD-791"

ADD:

- MIL-STD-650 - Explosives; Sampling, Inspection and Testing
- MIL-STD-1235 - Single and Multilevel Continuous Sampling Procedure and Tables for Inspection by Attributes

FSC: 1376

MIL-C-46652 (MU)
AMENDMENT 2

PUBLICATIONS - Delete "ORD-M608-11"

Page 2 paragraph 3.1:

Delete MIL-R-00398 and substitute MIL-R-398
Delete JAN-T-248 and substitute MIL-T-248

Page 2 paragraph 3.2 - Delete this paragraph in its entirety and substitute the following:

3.2 Composition - The composition of Composition B⁴ shall be as specified in Table I when tested as specified in 4.3.1.

TABLE I

	Type I	Type II
RDX, %	60.0 + 2.0	60.0 + 2.0
TNT, %	by difference	40.0 ± 2.0
calcium silicate, %	0.5 ± 0.15	-

Page 3, paragraph 3.4 - Delete this paragraph in its entirety and substitute the following:

3.4 Viscosity

3.4.1 Type I - The viscosity of Type I Composition B⁴ shall be 9.0 efflux seconds, max when tested as specified in 4.3.3.

3.4.2 Type II - The viscosity of Type II Composition B⁴ shall be as specified in Table II when tested as specified in 4.3.3.

TABLE II

Grade A - 7.0 efflux, seconds, max
Grade B - 7.1 efflux seconds, min.
17.0 efflux seconds, max

MIL-C-46652 (MU)
AMENDMENT 2

Page 4, paragraph 4.1.2: Delete "c" and "e" and substitute the following:

"c. Results obtained for all inspection performed shall be made available upon request by the Contracting Officer."

"e. Certificates of analysis on all material procured directly by the contractor, when such material is controlled by Government specification, shall be made available upon request by the Contracting Officer."

Page 6, paragraph 4.2.2 - Delete "Handbook ORD-M608-11 and substitute "MIL-STD-1235"

Page 8, paragraph 4.3.1.3, line 6: Delete "D=weight of crucible and residue" and substitute "D=weight of crucible".

Page 9, paragraph 4.3.1.5, line 8: After "shaken" add the following: "and the calcium silicate shall be allowed to settle to the bottom of the flask."

Line 8: Delete "of the contents of the flask" and substitute "of the clear supernatant solution"

Page 10, paragraph 4.3.1.5, line 8: Delete "3.085" in the equation and substitute "6.165".

Page 11, paragraph 4.3.2.1 - Delete the first sentence in its entirety and substitute "The moisture content shall be determined in accordance with Method 101.4 of MIL-STD-650."

Page 15, paragraph 6.1, add "c. Type and grade required (see 1.2)

Custodian:
Army-MU

Preparing Activity:
Army-MU

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