

SUBJECT 28

Re: Calcium Silicate and Fiber combined, with or without metal jacketing — Item 103080

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Proponent: Freight Classification Development Council

Present Classification Provisions

| Item | Description | Class |
|--------|--|-------|
| | INSULATION OR INSULATING MATERIAL GROUP: subject to item 103000 | |
| 103080 | Calcium Silicate and Fiber combined , with or without metal jacketing, in boxes..... | 110 |
| 103300 | Insulation or Insulating Material, viz.: Insulation or Insulating Material, NOI; [Other Articles Listed—Not Involved.] In packages, subject to Item 170 and having a density in pounds per cubic foot of: | |
| Sub 1 | Less than 1 | 400 |
| Sub 2 | 1 but less than 2..... | 300 |
| Sub 3 | 2 but less than 4..... | 250 |
| Sub 4 | 4 but less than 6..... | 175 |
| Sub 5 | 6 but less than 8..... | 125 |
| Sub 6 | 8 but less than 10..... | 100 |
| Sub 7 | 10 but less than 12..... | 92.5 |
| Sub 8 | 12 but less than 15..... | 85 |
| Sub 9 | 15 but less than 22.5..... | 70 |
| Sub 10 | 22.5 but less than 30..... | 65 |
| Sub 11 | 30 or greater..... | 60 |
| 103301 | NOTE—Not Involved. | |

Proposed Classification Provisions

| Item | Description | Class |
|--------|---|--------------------------|
| | INSULATION OR INSULATING MATERIAL GROUP: subject to item 103000 | |
| 103080 | Calcium Silicate and Fiber combined , with or without metal jacketing, etc | ⇒Cancel; see item 103300 |

SUBJECT 28

Proposed Classification Provisions — Concluded

| Item | Description | Class |
|--------|---|-------|
| | INSULATION OR INSULATING MATERIAL GROUP: subject to item 103000 | |
| 103300 | Insulation or Insulating Material, viz.: ⇒ Calcium Silicate; Insulation or Insulating Material, NOI; [Other Articles Listed—No Change.] In packages, subject to Item 170 and having a density in pounds per cubic foot of: | |
| Sub 1 | Less than 1 | 400 |
| Sub 2 | 1 but less than 2..... | 300 |
| Sub 3 | 2 but less than 4..... | 250 |
| Sub 4 | 4 but less than 6..... | 175 |
| Sub 5 | 6 but less than 8..... | 125 |
| Sub 6 | 8 but less than 10..... | 100 |
| Sub 7 | 10 but less than 12..... | 92.5 |
| Sub 8 | 12 but less than 15..... | 85 |
| Sub 9 | 15 but less than 22.5..... | 70 |
| Sub 10 | 22.5 but less than 30..... | 65 |
| Sub 11 | 30 or greater | 60 |
| 103301 | NOTE—No Change. | |

Analysis

Introduction

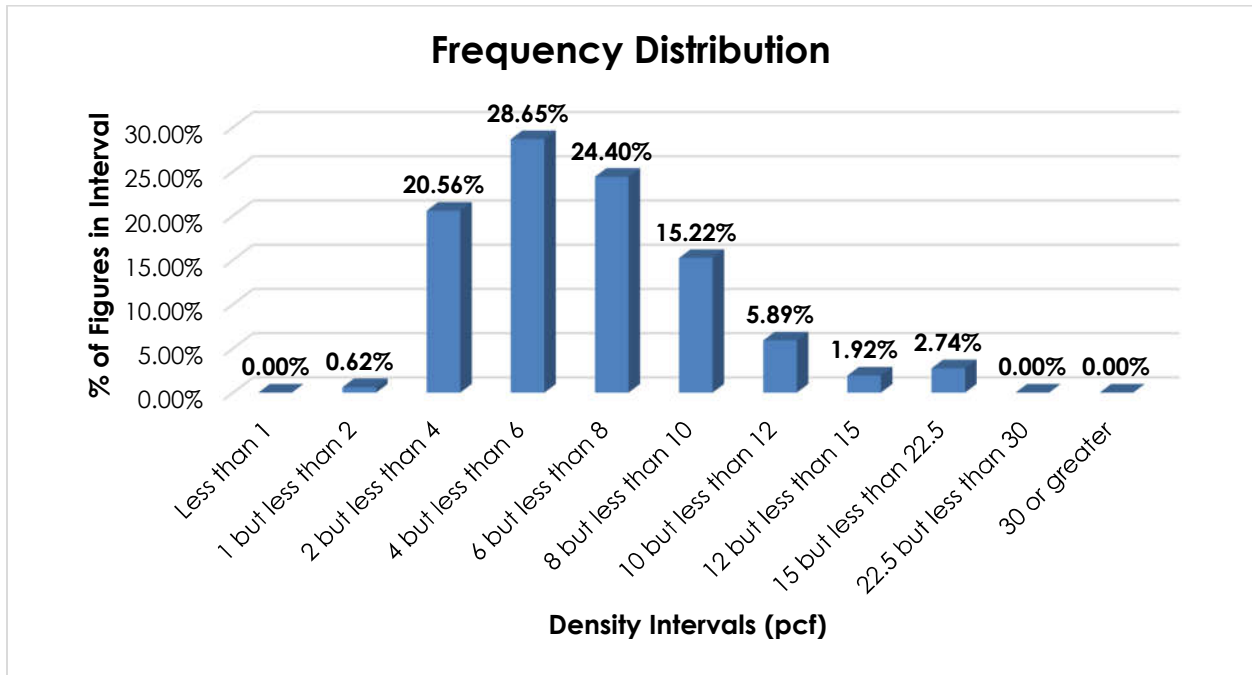
This proposal is based on the information developed through Research Project 1507, which was initiated to review the transportation characteristics of calcium silicate insulation, as named in item 103080.

Transportation Characteristics

Density—The information of record includes 1,459 density observations submitted by carriers and obtained from the FCDC's Density Study¹. The densities range from 1.11 to 19.69 pcf, with an overall average density of 6.51 pcf. As shown in the graph on the following page, the densities are variably distributed throughout the range.

¹ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

SUBJECT 28



Handling, Stowability and Liability—There have been no reports of unusual or significant handling, stowability or liability concerns.

Conclusion

Based on the foregoing analysis, this proposal would cancel item 103080 with reference to the full-scale density-based provisions of item 103300². In the interest of clarification and simplification, “Calcium Silicate” would be added to the “viz.” listing in item 103300.

² Item 103300 provides the FCDC’s standard 11-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.