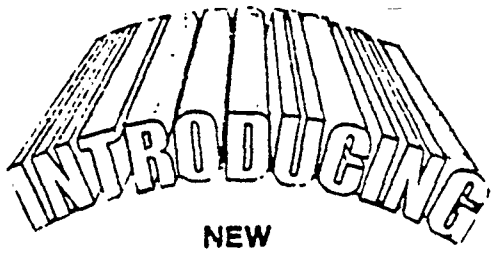
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NEW

ASBESTOS-FREE

PROCESS INSULATION MATERIALS

Several years ago the Process Insulation Subcommittee replaced asbestos-bearing calcium silicate insulation with asbestos-free material. The search for a replacement for asbestos cloth took longer. Many substitutes were tested at the Engineering Test Center (ETC) and tried in field installations. Now the subcommittee has located, tested, and approved two new asbestos-free materials which are being added to SN700M and SN800M in the March issue. The new materials are SN700M, Code 747 – high-temperature synthetic cloth, and SN800M, Code 803.2 – fibrous adhesive – asbestos free. Both materials have performed satisfactorily in extensive tests at Du Pont locations.

Code 747 is a synthetic textile consisting of a combination of glass, Nomex®, and Kevlar® fibers and is recommended at temperatures up to 650°F (345°C) as a substitute for:

SN700M – Code 715 – asbestos-Dacron® cloth – max temp, 625°F (330°C)

SN700M – Code 715.2 – asbestos-cotton cloth – max temp, 900°F (480°C)

SN700M – Code 727 – flexible braided asbestos tubing – max temp, 500°F (260°C)

SN900M – Code 986 – listing tape (asbestos) – max temp, 750°F (400°C)

Code 747 textile is available as cloth, tape, braided sleeving, or rope. It has high abrasion resistance and mechanical strength. The Process Insulation Subcommittee expects that Codes 715 and 727 will be canceled in the future and Codes 715.2 and 986 will be restricted to temperatures above 650°F (345°C).

The new adhesive, Code 803.2, is suitable for use with the new cloth, Code 747, and is recommended as a substitute for SN800M Code 803 – fibrous adhesive which contains asbestos. Neither Code 803.2 nor the other high-temperature adhesives, Codes 803 and 803.1 are suitable for use with totally glass fiber products. Code 803.2 is currently available only from H. B. Fuller Co, Assembly Products Division. The Process Insulation Subcommittee is continuing its search for additional asbestos-free adhesives.

For additional information, please contact G. E. Lang, Engineering Service Division, Louviers Building, phone 366-3435.

PLAINTIFF'S
EXHIBIT
DUP-1586

DID YOU KNOW THAT – – –



- – – – There are 266 members involved in the 28 standards subcommittees? Of these, 114 represent industrial departments, 129 are Engineering Department people, and 23 are from staff departments. Membership ranges from four to seventeen members per subcommittee.

- – – – Development of new standards and revisions to or reaffirmation of existing standards is a continuous and on-going process carried out by the 28 subcommittees? At the end of 1979, 99.8 percent of the 2915 active standards have been reviewed and revised or reaffirmed within the last seven years, and 0.2 percent (only 5 standards) are 7 to 10 years old. Most of the standards (96.3 percent) are in the 0 to 5 year age bracket.

- – – – Du Pont Canada, Inc standards are patterned after our Engineering Standards program? They have 95 members involved in their 18 Engineering Standards Subcommittees. Du Pont (US) Standards are thoroughly reviewed by their subcommittee members and assessed for application in the Canadian environment. Before adoption, all such information is modified to meet Du Pont Canada needs and then are reissued as Du Pont Canada standards. In addition, other standards are developed by their subcommittees to meet requirements unique to Canada.

THE NEWSLETTER IS DISTRIBUTED TO ALL STANDARDS BOOKHOLDERS, AND IS SPONSORED BY THE ENGINEERING STANDARDS COMMITTEE, R. L. KLAUSMEIER, CHAIRMAN
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STANDARDS SECTION, LOUVIERS BUILDING
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