

PRODUCT STANDARD PS13-69

**UNCORED SLAB URETHANE FOAM
FOR BEDDING AND FURNITURE CUSHIONING**

Product Standard PS 13-69, 'Uncored Slab Urethane Foam for Bedding and Furniture Cushioning' was withdrawn by the Department of Commerce on August 18, 1980. This product standard was replaced by American Society for Testing and Materials (ASTM) D3453-80 (Reapproved 1985).

ASTM D3453, 'Standard Specification for Flexible Cellular Materials--Urethane for Furniture and Automotive Cushioning, Bedding, and Similar Applications. This standard is under the direct responsibility of ASTM Subcommittee D11.33 on Flexible Cellular Materials.

For technical assistance and information on additional ASTM standards contact the Staff Manager, ASTM Committee D11 on Rubber, ASTM, 1916 Race Street, Philadelphia, Pennsylvania USA 19103; Telephone: (215) 299-5485; Fax: (215) 977-9679. The staff manager can also provide a contact for the subcommittee chairperson.

- PS 34-70, Fluorinated Ethylene-Propylene (FEP) Plastic Lined Steel Pipe and Fittings; Society of the Plastics Industry; 12 months
- PS 36-70, Body Measurements for the Sizing of Boys' Apparel; Mail Order Association of America; 24 months
- PS 42-70, Body Measurements for the Sizing of Women's Patterns and Apparel; Mail Order Association of America; 24 months
- PS 45-71, Body Measurements for the Sizing of Apparel for Young Men (Students); Mail Order Association of America; 24 months
- PS 46-71, Flame-Resistant Paper and Paperboard; American Society for Testing and Materials; 18 months
- PS 51-71, Hardwood and Decorative Plywood; Hardwood Plywood Manufacturers Association; 24 months
- PS 52-71, Polytetrafluoroethylene (PTFE) Plastic; Society of the Plastics Industry; 12 months
- PS 53-72, Glass-Fiber Reinforced Polyester Structural Plastic Panels; Society of the Plastics Industry; 12 months
- PS 54-72, Body Measurements for the Sizing of Girls' Apparel; Mail Order Association of America; 24 months
- PS 57-72, Cellulosic Fiber Insulation Board; American Hardboard Association; 6 months
- PS 58-72, Basic Hardboard; American Hardboard Association; 6 months
- PS 59-72, Prefinished Hardboard Paneling; American Hardboard Association; 6 months
- PS 60-72, Hardboard Siding; American Hardboard Association; 6 months
- PS 62-74, Grading of Diamond Powder in Sub-Sieve Sizes; Industrial Diamond Association of America; 12 months
- PS 63-75, Latex Foam Mattresses for Hospitals; American Society for Testing and Materials; 24 months
- PS 64-75, School Paste; The Crayon, Water Color and Craft Institute, Inc.; 18 months
- PS 65-75, Paints and Inks for Art Education in Schools; The Crayon, Water Color and Craft Institute, Inc.; 18 months
- PS 67-76, Marking of Gold Filled and Rolled Gold Plate Articles Other Than Watchcases; Jewelers Vigilance Committee; 36 months
- PS 68-76, Marking of Articles Made of Silver in Combination with Gold; Jewelers Vigilance Committee; 36 months
- PS 69-76, Marking of Articles Made Wholly or in Part of Platinum; Jewelers Vigilance Committee; 36 months
- PS 70-76, Marking of Articles Made of Karat Gold; Jewelers Vigilance Committee; 36 months
- PS 71-76, Marking of Jewelry and Novelties of Silver; Jewelers Vigilance Committee; 36 months
- CS 66-62, Artists' Oil Paints; Artists Equity Association, Inc.; 18 months
- CS 130-60, Color Materials for Art Education in Schools; The Crayon, Water Color and Craft Institute, Inc.; 18 months
- CS 138-58, Insect Wire Screening; Insect Screening Weavers Association; 12 months
- CS 151-50, Body Measurements for the Sizing of Apparel for Infants, Babies, Toddlers and Children (for the Knit Underwear Industry); Mail Order Association of America; 24 months
- CS 192-53, General Purpose Vinyl Plastic Film; Society of the Plastics Industry; 12 months
- CS 201-53, Rigid Polyvinyl Chloride Sheets; Society of the Plastics Industry; 12 months
- CS 227-58, Polyethylene Film; Society of the Plastics Industry; 12 months
- CS 245-62, Vinyl-Metal Laminates; Society of the Plastics Industry; 12 months
- CS 257-63, TFE-Fluorocarbon (Polytetrafluoroethylene) Resin Molded Basic Shapes; Society of the Plastics Industry; 12 months
- CS 268-65, Hide Trim Pattern for Domestic Cattlehides; National Hide Association; 12 months
- CS 274-66, TFE-Fluorocarbon (Polytetrafluoroethylene) Resin Sintered Thin Coatings for Dry Film Lubrication; Society of the Plastics Industry; 12 months
- R 2-62, Bedding Products and Components; National Association of Bedding Manufacturers; 12 months
- R 192-63, Crayons and Related Art Materials for School Use (Types, Sizes, Packages, and Colors); The Crayon, Water Color and Craft Institute, Inc.; 18 months
- The following standards have been replaced by standards published by private standards-writing organizations and, therefore, Department of Commerce sponsorship is no longer needed for them:
- PS 28-70, Rigid Poly (Vinyl Chloride) (PVC) Profile Extrusions replaced by ASTM D 3678-74, Specification for Rigid Poly (Vinyl Chloride) (PVC) Profile Extrusions
- PS 43-71, Fluorinated Ethylene-Propylene (FEP) Plastic Tubing replaced by ASTM D 3290-74, Specification for FEP-Fluorocarbon Resin Tubing
- PS 47-71, Heat-Shrinkable Fluorocarbon Plastic Tubing replaced by ASTM D 2902-75, Specification for Fluorocarbon Resin Heat-Shrinkable Tubing
- PS 55-72, Rigid Poly (Vinyl Chloride) (PVC) Plastic Siding replaced by ASTM D 3679-73, Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding
- CS 11-63, Moisture Regain of Cotton Yarns replaced by ASTM D 1909-77 Standard Table of Commercial Moisture Regains for Textile Fibers and ASTM D 2494-74 Standard Method of Test for Commercial Weight of a Shipment of Yarn or Man-Made Staple Fiber
- CS 21-58, Interchangeable Taper-Ground Joints, Stopcocks, Stoppers, and Spherical-Ground Joints replaced by ASTM E 675-79 Standard Specification for Interchangeable Stopcocks and Stoppers, ASTM E 676-79 Standard Specification for Interchangeable Taper-Ground Joints, and ASTM E 677-79 Standard Specification for Interchangeable Spherical-Ground Joints
- CS 75-56, Automatic Mechanical-Draft Oil Burners Designed for Domestic Installations replaced by ANSI Z 91.2-1976 Performance Requirements for Automatic Pressure Atomizing Oil Burners of the Mechanical-Draft Type
- CS 191-53, Flammability of Clothing Textiles replaced by ASTM D 1230-61 (1972) Test for Flammability of Clothing Textiles
- CS 202-56, Industrial Lifts and Hinged Loading Ramps replaced by ANSI MH14.1-1978 Industrial Loading Dockboards (Ramps)
- CS 208-57, Vinyl Chloride Plastics Garden Hose replaced by ASTM D 3901-80 Standard Consumer Product Specification for Garden Hose
- CS 236-68, Mat-Formed Wood Particleboard replaced by ANSI A 208.1-1979 Mat-Formed Particleboard
- In the absence of any request for retention or maintenance, the following standards will be withdrawn, as previously announced, on August 18, 1980:
- PS 4-66, Standard Stock Light-Duty 1-3/8- and 1-3/4-inch Thick Flush-type Interior Steel Doors and Frames
- PS 6-66, Trim for Water-Closet Bowls, Tanks and Urinals (Dimensional Standards)
- PS 28-70, Glass Stopcocks with Polytetrafluoroethylene (PTFE) Plugs
- PS 28-70, Steel Bi-fold Closet Door Units, Frames, and Trim
- PS 60-70, Package Quantities of Green Olives
- PS 41-70, Package Quantities of Instant Mashed Potatoes
- PS 44-71, Paper Ice Bag Sizes
- PS 46-71, Package Quantities of Cubed, Sliced, Crushed, and Block Ice
- PS 49-71, Portable Picnic Coolers
- PS 50-71, Package Quantities of Toothpaste
- CS 5-65, Pipe Nipples; Brass, Copper, Steel, and Wrought Iron
- CS 46-65, Hosiery Lengths and Sizes Excluding Women's
- CS 234-61, Measurements for Stretch Socks and Anklelets
- CS 242-62, Standard Stock Commercial 1-3/4-Inch Thick Steel Doors and Frames
- CS 269-65, Aluminum Alloy Chain Link Fencing
- R 46-55, Tissue Wrapping Paper
- R 222-46, Hot-Rolled Carbon Steel Bars and Bar-Size Shapes
- R 264-61, Standard Sizes of Oil-Hardenable Flat, Ground Tool Steel Stock
- In accordance with section 10.1(e) of the revised Procedures for the Development of Voluntary Product Standards and by agreement with the Consumer Product Safety Commission, the Department will retain sponsorship of the following two Product Standards until such time as arrangements for their sponsorship by a private standards-writing organization can be made:
- PS 66-75, Safety Requirements for Home Playground Equipment
- PS 72-76, Toy Safety
- For further information contact: James E. French, Office of Engineering Standards, National Bureau of Standards, Washington, D.C. 20234, Telephone: (301) 821-3272.

8.d.(2) of the OMB Circular that the meeting will be concerned with matters of the type described in 5 U.S.C. 552(b)(1). This determination was made pursuant to a delegation of authority from the Office of Management and Budget dated June 25, 1973, issued under the authority of Executive Order 11666 dated October 7, 1972 and continued by Executive Order 11709 dated February 21, 1974.

Dated: August 14, 1980.

Walter L. Baumann, Acting Advisory Committee, Management Officer.

[FR Doc. 80-25236 Filed 8-18-80; 9:45 am] BILLING CODE 6326-02-M

CIVIL AERONAUTICS BOARD

[Docket 34141]

Application of Trans-Panama, S.A.; Hearing

Notice is hereby given pursuant to the Federal Aviation Act of 1958, as amended, that a hearing in the above-entitled proceeding is assigned to be held on October 7, 1980, at 9:30 a.m. (local time), in Room 1003, Hearing Room A, North Universal Building, 1875 Connecticut Avenue, N.W., Washington, D.C., before the undersigned administrative law judge.

Dated at Washington, D.C., August 14, 1980.

Elias C. Rodriguez, Administrative Law Judge.

[FR Doc. 80-25231 Filed 8-18-80; 9:45 am] BILLING CODE 6326-01-M

DEPARTMENT OF COMMERCE

Maritime Administration

National Oceanic and Atmospheric Administration

DEPARTMENT OF THE TREASURY

Internal Revenue Service

Merchant Marine and Fisheries Capital Construction Funds; Applicable Rates of Interest on Nonqualified Withdrawals

Under the authority in section 607(h)(4) of the Merchant Marine Act, 1936, (46 U.S.C. 1101), as amended by section 21 of the Merchant Marine Act of 1970 (84 Stat. 1031), we hereby determine and announce that the applicable rate of interest on the amount of additional tax attributable to any nonqualified withdrawals from a capital

construction fund established under section 607 of the Act shall be 10.36 percent, with respect to nonqualified withdrawals made in the taxable year beginning in 1980.

The determination of the applicable rate of interest with respect to nonqualified withdrawals was computed according to the joint regulations issued under the Act (46 CFR Part 391.7(e)(2)(ii)) by multiplying 8 percent by the ratio which (a) the average yield on 5-year Treasury securities for the calendar year immediately preceding the beginning of such taxable year, bears to (b) the average yield on 5-year Treasury securities for the calendar year 1970. The applicable rate so determined was computed to the nearest one-hundredth of 1 percent.

Dated: August 11, 1980.

Samuel B. Nemirow, Assistant Secretary for Maritime Affairs. Richard A. Frank, Administrator, National Oceanic and Atmospheric Administration. Donald C. Lubick, Assistant Secretary of the Treasury. [FR Doc. 80-24104 Filed 8-18-80; 9:45 am] BILLING CODE 2610-10-M

DEPARTMENT OF COMMERCE

International Trade Administration

Consolidated Decision on Applications for Duty-Free Entry of Scientific Articles

Correction

In FR Doc. 80-24104, at page 53192, in the issue of Monday, August 11, 1980, on page 53193 in the middle column, the sixth full paragraph now reading "Docket No.: 79-00062." is corrected to read "Docket No.: 80-00062."

BILLING CODE 1906-01-M

National Bureau of Standards

Status Report on Withdrawal of Voluntary Product Standards

AGENCY: Department of Commerce, National Bureau of Standards.

ACTION: Maintenance, Retention, Replacement, and Withdrawal of certain Voluntary Product Standards.

On June 19, 1980, the Department of Commerce (Department) announced in the Federal Register (45 FR 41475-6) the withdrawal, effective August 18, 1980, of 80 documents classified as Voluntary Product Standards. The withdrawal announcement was made in accordance with a revisions to the Procedures for

the Development of Voluntary Product Standards (15 CFR Part 10) which was announced in a separate notice in that same issue of the Federal Register (45 FR 41401-06) and which went into effect on June 19, 1980. The revised Procedures specify six criteria which must be met for the department to sponsor the development or maintenance of a standard. Section 10.13 of the revised Procedures provided that within the period ending August 18, 1980, interested parties could submit a request to the director of the National Bureau of Standards (NBS) to retain a particular standard or standards in accordance with those specified criteria. Several such requests have been received, and determinations have been reached on those requests as indicated below.

Based on proposals from the proponent organizations identified after the following titles, the following product standards will continue to be sponsored by the Department:

- PS 1-74, Construction and Industrial Plywood; American Plywood Association
PS 20-70, American softwood Lumber Standard; American Lumber Standards Committee
PS 56-73, Structural Glued Laminated Timber; American Institute of Timber Construction
PS 73-77, Carbonated Soft Drink Bottles; Glass Packaging Institute

Based on documented activity within a private standards-writing organization, the following standards will be retained by NBS for the stated periods of time to permit the orderly transfer of sponsorship of such standards from the Department to the identified organizations:

- PS 13-69 Uncoated Slab Urethane Foam for Bedding and Furniture cushioning; American Society for Testing and Materials; 24 months
PS 15-69, Custom Contact-Molded Reinforced-Polyester Chemical-Resistant Process Equipment; Society of the Plastics Industry; 12 months
PS 17-69, Polyethylene-sheeting (construction, industrial, and Agricultural Applications); Society of the Plastics Industry; 12 months
PS 23-70, Horticultural Grade Perlite; the Perlite Institute; 12 months
PS 24-70, Melamine Dinnerware (Alpha-Cellulose Filled) for Household Use; Society of the Plastics Industry; 12 months
PS 25-70, Heavy-Duty Alpha-Cellulose-Filled Melamine Tableware; Society of the Plastics Industry; 12 months
PS 27-70, Mosaic-Parquet Hardwood Slat Flooring; American Parquet Association; 6 months
PS 29-70, Plastic Heat-Shrinkable Film; Society of the Plastics Industry; 12 months
PS 30-70, School Chalk; the Crayon, Water Color and Craft Institute, Inc.; 18 months
PS 31-70, Polystyrene Plastic Sheet; Society of the Plastics Industry; 12 months

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**PRODUCT
STANDARD
PS 13-69**

**A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION**



WITHDRAWN

Uncored Slab Urethane Foam

for

Bedding and Furniture Cushioning

WITHDRAWN

**DEVELOPED COOPERATIVELY WITH
NATIONAL BUREAU OF STANDARDS
U. S. DEPARTMENT OF COMMERCE**

Nat. Bur. Stand. (U.S.), Prod. Stand. 13-69, 6 pages (Dec. 1969)

CODEN: XNPSA

**For sale by the Superintendent of Documents
U.S. Government Printing Office, Washington, D.C., 20402.
(Order by SD Catalog No. C13.20/2:13-69), Price 10 cents.**

PRODUCT STANDARDS

Product Standards are published voluntary standards that establish (1) dimensional requirements for standard sizes and types of various products, (2) technical requirements for the product, and (3) methods of testing, grading, and marking these products. The objective is to define requirements for these products in accordance with the principal demands of the trade. *Product Standards* are published by the National Bureau of Standards of the U. S. Department of Commerce.

Development of a PRODUCT STANDARD

The Bureau's Office of Engineering Standards Services works closely with business firms, trade organizations, testing laboratories, and other appropriate groups to develop such standards. (A group interested in developing a Product Standard may submit a written request to the Manager, Engineering Standards, National Bureau of Standards.) After determining that the desired standard would be technically feasible and in the public interest, a specific proposal is developed in consultation with interested trade groups and circulated for industry consideration and comment.

Subsequently, a Standard Review Committee is established to review the proposed standard for conformance with the Department of Commerce procedures. The committee includes qualified representatives of producers, distributors, and users or consumers of the product. When approved by the committee, copies of the recommended standard are distributed for consideration and acceptance. When the acceptances show general agreement by all segments of the industry, and when there is no substantive objection deemed valid by the National Bureau of Standards, the Bureau announces approval of the Product Standard and proceeds with its publication.

Use of a PRODUCT STANDARD

Product Standards are developed for the maximum use of industry by ensuring that producers, distributors, and users or consumers cooperate in the development of a voluntary Product Standard. The adoption and use of a Product Standard is *voluntary*. Product Standards are used most effectively in conjunction with legal instrumentalities such as building codes, purchase orders, and sales contracts. When a Standard is made part of such a contract, compliance with the standard is enforceable by the buyer or the seller along with other provisions of the contract. There is no governmental regulation or control involved.

Purchasers may order products that comply with Product Standards and determine for themselves that their requirements are met. More often, manufacturers refer to the standards in sales catalogs, advertising, invoices, and labels on the product. Commercial inspection and testing programs are also employed for greater effectiveness together with grade labels, hallmarks and certificates. Such assurance of compliance promotes confidence and understanding between buyers and sellers.

EFFECTIVE DATE

Having been passed through the regular procedures of the Office of Engineering Standards Services, National Bureau of Standards and approved by the acceptors hereinafter listed in part, this Product Standard is issued by the National Bureau of Standards, effective May 1, 1969.

Uncored Slab Urethane Foam for Bedding and Furniture Cushioning

Effective May 1, 1969

1. PURPOSE

1.1. The purpose of this Product Standard is to provide nationally recognized dimensions and significant quality requirements for uncured slab urethane foam for use in bedding and furniture cushioning. The Standard is intended to provide a basis for common understanding among producers, distributors, and users of this product.

2. SCOPE AND CLASSIFICATION

2.1. **Scope**—The foam covered by this Product Standard is intended for uses such as inserts for mattresses and cushions for indoor and outdoor furniture. This Standard provides material and dimensional requirements for uncured slab urethane foam and requirements and methods of test for the specific properties of load bearing capacity, permanent set, moisture resistance, fatigue resistance, and resiliency. The fatigue requirements will be revised to incorporate dynamic fatigue specifications when adequate data are available. Methods for marking and labeling to indicate compliance with this Standard are also provided.

2.2. **Classification**—This Standard covers six grades of uncured slab urethane (USU) foam which may be selected for use according to their individual specific properties. (See table 3.)

3. REQUIREMENTS

3.1. **General**—Any product labeled or represented as complying with this Standard shall meet all of the requirements listed herein as determined by the procedures specified in section 4.

3.2. **Material**—For the purpose of this Standard, slab urethane foam is defined as a porous, cellular, elastomeric material made by the condensation of a polyol with an organic isocyanate. It may or may not contain a filler and shall be cut to the desired dimensions after manufacture. The foam shall be free from defects affecting serviceability including objectionable odors.

3.3. Dimensions—

3.3.1. For use as mattress inserts—

3.3.1.1. **Sizes**—The standard sizes and tolerances for the foam shall be as specified in table 7A of Simplified Practice Recommendation R 2-62, "Bedding Products and Components (Mattresses, Springs, Bedsteads, and Cots)."¹ These sizes have been adopted for mattress inserts to coordinate the insert with mattress ticking and other bed constructions.

3.3.1.2. **Thicknesses**—The standard thicknesses and tolerances for the foam shall be as specified in table 1.

¹ Copies of this document may be obtained from the Clearinghouse for Federal Scientific and Technical Information, 5285 Port Royal Road, Springfield, Va. 22151 for \$3 a copy.

TABLE 1. Thicknesses and tolerances of urethane foam for mattress inserts

Nominal thickness	Tolerance	
	Plus	Minus
<i>inch</i> 4	<i>inch</i> $\frac{3}{16}$	<i>inch</i> $\frac{1}{16}$
5	$\frac{3}{16}$	$\frac{1}{16}$
6	$\frac{3}{16}$	$\frac{1}{8}$

Metric conversion factor: 1 in. equals 25.4 mm.

3.3.2. For use as furniture cushion inserts—The allowable tolerances on cut-to-size dimensions of furniture cushion inserts shall be as shown in table 2. (Closer tolerances for specific applications may be agreed upon between supplier and purchaser.)

TABLE 2. Cut-to-size dimensional tolerances of urethane foam for furniture cushion inserts

Thickness			Length and width	
Nominal	Tolerance		Nominal	Tolerance (Plus or minus)
	Plus	Minus		
<i>inch</i> 0 to 3 incl.....	<i>inch</i> $\frac{1}{8}$	<i>inch</i> $\frac{1}{16}$	<i>inch</i> 0 to 12 incl.....	<i>inch</i> $\frac{1}{8}$
Over 3 to 5 incl....	$\frac{3}{16}$	$\frac{1}{16}$	Over 12 to 24 incl....	$\frac{1}{4}$
Over 5.....	$\frac{3}{16}$	$\frac{1}{8}$	Over 24 to 48 incl....	$\frac{3}{8}$
			Over 48.....	$\frac{1}{2}$

Metric conversion factor: 1 in. equals 25.4 mm.

3.4. Specific properties—The foam shall possess the specific properties listed in table 3 when tested in accordance with 4.1.

TABLE 3. Specific properties of uncured slab urethane foam

Grade number	25% indentation load deflection (ILD) values ¹	Min. indentation load ratio 65%/25%	Max. compression (comp) set 1 after 90% deflect.	Moisture resistance		Fatigue resistance		Min. rebound resiliency
				Max. comp. load deflection loss	Max. comp. set 2 after 90% deflection	Max. 25% ILD loss	Max. thickness loss	
USU 44	pounds-force 44±4	1.9	percent 15	percent 20	percent 25	percent 5	percent 45	
USU 34	34±3	1.9	15	20	25	5	45	
USU 27	27±3	1.9	15	20	25	5	40	
USU 21	21±3	1.9	15	20	25	5	40	
USU 15	15±3	1.8	20	25	30	8		
USU 9	9±3	1.8	25	30				
Test method ²	19-25	19-25	12-18	5-11 (Condition B)	5-11 (Condition B)	45-50, 66, 67 (Procedure A)	88-94	
Specimen size ⁴ (inches)	15×15×4	15×15×4	2×2×1	2×2×1	2×2×1	15×15×4	15×15×4	

Metric conversion factors: 1 in equals 25.4 mm; 1 pound-force equals 4.45 N (approximately).

¹ Tolerances have been established to provide for grade designations. Closer tolerances, when desirable for specific applications, may be agreed upon between supplier and purchaser.

² To be expressed as a percent of the original thickness.

³ See 4.1 for explanation of test methods referenced.

⁴ See 4.2 when indicated specimen sizes are not available.

4. INSPECTION AND TEST PROCEDURES

4.1. General—Testing for conformance to requirements shall be done in accordance with the appropriate test section of the American Society for Testing and Materials (ASTM) Designation D1564-64T. "Tentative Methods of Testing Slab Flexible Urethane Foam."² The specific test methods in this reference to be used for each test shall be as listed in table 3, except as specified in 4.2 below.

4.2. If a specimen 15 by 15 by 4 inches cannot be obtained, an appropriate size, as well as its corresponding indentation load deflection (ILD) value shall be agreed upon by the vendor and purchaser. In those cases where foams having thicknesses of 4 inches are not available, the following reduced ILD values are suggested :

3 inches—90 percent of the 4-inch ILD value

2 inches—80 percent of the 4-inch ILD value

1 inch—70 percent of the 4-inch ILD value

In all cases, the ILD tolerances specified in table 3 shall apply. For example, a 2-inch-thick Grade USU 27 foam will have a 25 percent ILD value of 21.6 ± 3 pounds (18.6-24.6).

5. IDENTIFICATION

5.1. Labels and literature—In order that purchasers may identify products complying with all requirements of the Product Standard, producers choosing to produce such products in conformance with this voluntary Standard may include a statement in conjunction with their name and address on labels, invoices, sales literature, and the like. The following statement is suggested when sufficient space is available :

This product conforms to all of the requirements for Grade USU _____, established in Product Standard PS 13-69, developed cooperatively with the industry and published by the National Bureau of Standards under the voluntary Product Standards procedures of the U.S. Department of Commerce. Full responsibility for the conformance of this product with the standard is assumed by (name and address of producer or distributor).

The following abbreviated statement is suggested when available space on labels is insufficient for the full statement :

Conforms to Grade USU _____, of PS 13-69, (name and address of producer or distributor).

6. HISTORY OF PROJECT

6.1. In November 1961 The Society of the Plastic Industry, Inc., requested the cooperation of the Office of Commodity Standards (now the Office of Engineering Standards Services) in the development of a Commercial Standard for urethane foam for bedding and seat cushioning, and submitted technical data to be used as a basis for the standard.

² Later issues of the ASTM publication may be used providing the requirements are equivalent to those specified in the issue designated. Copies of ASTM publications may be obtained from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa. 19103.

Copies of a proposed standard were circulated for comment to representative producers, distributors, and users of the product in May 1962. As a result of comments received from this circulation and subsequent reviews of the proposal by interested parties, numerous drafts were developed, resulting in the proposal approved for submittal to the Standard Review Committee January 23, 1967. This committee had been constituted under the "Procedures for the Development of Voluntary Product Standards," and was representative of producers, distributors, and users of the product. The committee approved the proposed standard in May 1968 and the recommended standard was circulated to producers, distributors, and users of urethane foam to determine its acceptability on October 4, 1968.

The ballots returned to the National Bureau of Standards in response to the October 4, 1968, circulation indicated a consensus of acceptability as defined under the "Procedures for the Development of Voluntary Product Standards" existed within the industry with regard to the standard.

On April 3, 1969, the standard, to be designated PS 13-69, "Uncored Slab Urethane Foam for Bedding and Furniture Cushioning" was approved for publication by the National Bureau of Standards to be effective May 1, 1969.

Technical Standards Coordinator:

J. W. Elsele, Office of Engineering Standards Services,
National Bureau of Standards

7. STANDING COMMITTEE

7.1. The following individuals comprise the membership of the Standing Committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Office of Engineering Standards Services, National Bureau of Standards, U.S. Department of Commerce, which acts as secretary for the committee.

Representing Producers (Foam) and Distributors

Neil Pedrolie, Burkart Mfg. Co., 4900 N. Second Street, St. Louis, Missouri 63147 (Chairman)

Milton S. Heffler, Phillips-Foscue Corp., Surret Drive, High Point, North Carolina 27261

Stuart G. Keiller, Okenel Corp., 250 Grant Avenue, Lyndhurst, New Jersey 07071

John Partch, Diamond Shamrock Chemical Company, 300 Union Commerce Building, Cleveland, Ohio 44115

Representing Consumers and Users

Gordon W. Babcock, Harden Mfg. Co., McConnellsville, New York 13401

A. R. Genet, Sleepmaster Products Co., Inc., 60 Lockwood Street, Newark, New Jersey 07105

L. Harrington, Dept. 601, Sears Roebuck and Co., 925 S. Homan Avenue, Chicago, Illinois 60607

S. A. Salisbury, Kroehler Mfg. Co., 222 E. Fifth Avenue, Naperville, Illinois 60540

Representing General Interests

George Ainsworth, Hospital Bureau, Pleasantville, New York 10570
Vincent J. Buckner, Room 1-C 37, Naval Facilities Engineering
Command, U.S. Navy Department, Washington, D.C. 20390
Sanford Davis, Industrial Chemicals Group, Wyandotte Chemicals
Corp., Wyandotte, Michigan 48192

8. ACCEPTORS

8.1 The manufacturers, distributors, users, and others listed below have individually indicated in writing their acceptances of this Product Standard prior to its publication. The acceptances indicate an intention to utilize the standard as far as practicable, but reserve the right to depart from it as may be deemed desirable. The list is published to show the extent of recorded public support for the standard and should not be construed as indicating that all products made by the acceptors actually comply with its requirements.

ASSOCIATIONS (General Support)

American Hotel & Motel Association, New York, New York	Society of Plastics Engineers, Inc., Stamford, Connecticut
Hospital Bureau, Inc., Pleasantville, New York	The Society of the Plastics Industry, Inc., New York, New York

PRODUCERS

Adams Foam Rubber Company, Chicago, Illinois	Herman Miller Inc., Zeeland, Michigan
The Berkline Corporation, Morristown, Tennessee	Hudson Cush-N-Foam Corporation, Edgewater, New Jersey
Burkart Manufacturing Company, St. Louis, Missouri	International Foam Corporation, Chicago, Illinois
Califoam Corporation of America, Compton, California	Phillips-Fosue Corporation, High Point, North Carolina
Cone Mills Corporation, Greensboro, North Carolina	Sheller-Globe Corporation, Detroit, Michigan
Diamond Shamrock Chemical Company, Plainfield, New Jersey	Slumberland Products Company, Woburn, Massachusetts
Firestone Industrial Rubber Products Co., Fall River, Massachusetts	Spectrafoam Corporation, Los Angeles, California
General Plastics Manufacturing Co., Tacoma, Washington	Unipoint Industries, Inc., High Point, North Carolina

FIRMS AND OTHER INTERESTS

American Standards Testing Bureau, Inc., New York, New York	Nabors Manufacturing Corporation, Chattanooga, Tennessee
Appalachian Regional Hospitals, Williamson, West Virginia	National Upholstering Company, Oakland, California
California Testing Laboratories, Inc., Los Angeles, California	Oklahoma Furniture Manufacturing Co., Guthrie, Oklahoma
Chambersburg Hospital, Chambersburg, Pennsylvania	Omaha Testing Laboratories, Inc., Omaha, Nebraska
Darro Products Corporation, Lynbrook, New York	Reeves Brothers, Inc., Cornelius, North Carolina
DeSoto, Inc., Des Plaines, Illinois	Reinforced Plastics Testing Laboratory, Lindenhurst, New York
Drexel Furniture Company, Drexel, North Carolina	Retreat State Hospital, Hunlock Creek, Pennsylvania
E. I. du Pont de Nemours & Co., Wilmington, Delaware	Sacred Heart Hospital, Cumberland, Maryland
Harden Furniture Company, McConnellsville, New York	St. Francis General Hospital, Pittsburgh, Pennsylvania
Kroehler Manufacturing Company, Naperville, Illinois	Sleepmaster Products Company, Inc., Newark, New Jersey
R. H. Macy & Company, Inc., New York, New York	Southern Testing Laboratories, Inc., Birmingham, Alabama
The Methodist Hospital of Gary, Inc., Gary, Indiana	Wyandotte Chemicals Corporation, Wyandotte, Michigan
Mount Airy Furniture Company, Mount Airy, North Carolina	

FEDERAL GOVERNMENT

Division of Procurement & Supply Management, U.S. Department of Health, Education, and Welfare	Naval Facilities Engineering Command, U.S. Navy Department
	Supply and Property Management Division, U.S. Department of Agriculture