

FILE NAME: Sprayed Asbestos (SPRA)

DATE: 1947-1971

DOC#: SPRA043

DOCUMENT DESCRIPTION: List of Sprayed Asbestos Products Identified in Sweet's Catalogue Service - Architectural Files

Sprayed Asbestos Products Identified in Sweet's
Catalogue Service - Architectural Files
1947 - 1971

1. Sprayo-Flake Company (1947 - 1949)
2721 Drury Park Road
Chicago, Illinois

Product:

Sprayo-Flake an insulation process which consists of forcibly projecting insulating material through a specially constructed Sprayo-Flake insulation gun. (1947 - 1949)

2. Sprayed Insulation Inc. (1947 - 1953)
56-58 Crittenden Street
Newark, New Jersey

Product:

Spraykote consists of 6 different asbestos & mineral wool fibers. Spraykote is applied with a spray gun. (1947 - 1949)

*Spraycraft "Kempthorne method of crystallization" spraygun applied as developed by James L. Kempthorne. is an altogether new & different material; instead of using an adhesive, "Sprafycraft" is bonded to the surface & internally by a permanent crystalline structure." (1953)

User of Spraycraft:

Michigan State University - East Lansing, Mi.)
Atlantic Christian College - Wilson, N.C.)
St. Thomas School - Elkhart, Ind.)
U. Va - Charlottesville, Va.)
U.S.C. - Los Angeles, Ca.) (1953)
Lincoln School - El Centro, Ca.)
Gentilly School - New Orleans, La.)
Mt. St. Mary's College)
Sun Valley Jr. High - California)

3. Smith & Kanzler Jetbestos Inc. (1955 - 1969)
1414 East Linden Avenue
Linden, New Jersey

Product:

"Spraycraft" (formerly Spray Kote) (1955)

Spraycraft jet-sprayed, long asbestos fibers.
(1957) asbestos, plus mineral fiber, binder, water, air
is a monolithic, non-combustible insulating material
with superior qualities for acoustical, thermal &
Sound-deadening purposes. Applied with advanced type
spray-gun which deposits asbestos fibre, plus mineral
fibre, binder, water, & air.
Pure long asbestos & clean mineral wool - 90% dust
free (1959)

2 types of Spraycraft:

Type S - relatively soft, low density, highly insulating
material designed primarily for thermal
insulation & soundproofing (1961)

Type H - denser, harder, somewhat lower thermal qualities
& is designed particularly for exposed
applications where hardness, abrasion resistance
to damage is primary consideration (1961)

"Spraycraft firetest fiber consists of scientifically
formulated blends of virgin asbestos fiber, mineral fiber,
& inorganic binders..." (1965)

Users of Spraycraft:

Dulles International Airport Bldg. - Chantilly, Va.

4. National Gypsum (1951 -)
Buffalo, New York

Product:

*Thermacooustic "is an acoustical material, simple &
unique in composition & application,
consisting of mineral fibres mixed with
a special binder. It comes ready to
apply & may be sprayed to any thickness
required to meet job conditions"...

"A thin mist of water combined with the mineral fibres dampens the binder & provides a light fluffy blanket which bonds tightly with the surface." (1951)

* mineral fibres not identified as asbestos fibres.

5. Asbestospray Corp (1951 - 1969)
215 Montague Street (1951)
Brooklyn, New York

300 Thomas Street (1953 - 1969)
Newark, New Jersey

Product:

Asbestospray	asbestos material used for
Spray-on Fibre (1955)	Thermal insulation & condensation control.

"Asbestospray research has found the perfect answer to the serious problem of dust control in sprayed-on applications. A neutral additive to the mix at the factory eliminates the human element at the job site & assures positive, effective, fool-proof dust control, as well as uniform quality application. No pre-wetting system to breakdown; no dangerous steam boiler. Our dust control is added at the factory. (1961) (1965)

"Asbestospray is a mixture of virgin asbestos fiber, mineral fiber, & inorganic dry binders. It is applied by pressure spray gun directly to untreated surfaces to form a highly fire resistant, sound absorbent monolithic surface with exceptional fireproofing, thermal insulation & acoustical and condensation control properties. Asbestospray is represented by franchised distribution contractors throughout the U.S., Canada, Europe, South America, Australia. (1967)

Users of Asbestospray:

Public School 111 - Queens, N.Y.)
Centenary Jr. College - Hackettstown, N.J.) (1951)

Grant Junior High School - Albuquerque, N.M. (1963)

6. Air-O-Therm Application Co. Inc. (1953 - 1965)
6549 Northwest Highway
Chicago, Illinois (1953)

1575 Oakton Street
Des Plaines, Illinois (1955 - 1963)

1738 Rand Road
Des Plaines, Illinois (1965)

Product:

Jet-Insulation

jet bonded for a perfect seal
"It is an atomized application of
bonded & laminated insulation. This
consists of dry mineral asbestos fibre
with a strong efficient binder &
primer. No paper pulp...Jet gun forces
it into a homogenous cellular blanket
which is vapor-resistant, vermin-proof,
& absolutely fireproof." (1953)
dry mineral and/or asbestos-fibre with
strong efficient asphalt binder &
primer. (1955)

Jet-Acoustic same material, except clear, off white
adhesive & binder (1955)

uses - fireproofing, condensation
control, plaster base, light
reflectivity (1959)

Users of Jet-Sulation & Jet-Acoustic:

City of Chicago - Chicago, Ill (1959)
University of Illinois

Matteson School - Matteson, Ill. (1961)
Architects Maddon & Connor

NOTE:

After 1965

These products did not contain any asbestos fibers.

Jet-Sulation

"is a sprayed-on application of top
quality....No asbestos, no dusting, or
flaking - quality throughout."

Jet-Acoustics

"is compounded of the same high quality, 100% pure stone fibers used in Jet-Sulation."

7. Columbia Acoustics & Fireproofing Co. (1955 - 1963)

Stanhope, New Jersey
(a subsidiary of)-----

7A. U.S. Mineral Wool Products Co. (1965 - 1967)
Stanhope, New Jersey

Product:

*Cafco Spray special blend of highly refined mineral
incombustible fibres & mineral binders, applied with
 a spray gun in combination with a water
 mist to form a light density blanket
 (1955)
 crystalline slurry method of
 application employed where a harder, --
 abrasion-resistant treatment is
 required (1955)

*mineral fibers not identified as asbestos fibers.

Cafco Products:

Blaze - shield - fireproofing
Sound - shield - acoustical
Heat - shield - thermal insulation

Cafco products manufactured in the U.S. & Canada are mill quality - controlled blends of virgin (crysotile) asbestos fibers, highly refined, white mineral fibers & inorganic binders. (1961)

machine applied directly to most base surfaces in a single monolithic coat. (1961)

Cafco Sound Shield

Sound Shield "85", a mill controlled blend of refined mineral fibers, proprietary binders, answers our industry need for a harder, whiter, spray-applied ceiling finish providing predictable acoustical performance. (1965)

8. Sprayon Insulation & Acoustics (1959 - 1965)
Inc.

315 North 6th Street
Newark, New Jersey (1955 - 1959)

415 South Street
Newark, New Jersey (1961 - 1963)

Product:

SprayDon

Since 1929, a scientific fibre of
blended asbestos & mineral wool.

Kempthorne method of Prewetting
eliminates 90% of the dust. (1957)

Stereo finish - The miracle product for
all low-cost finishes, the latest
development of James L. Kempthorne,
pioneer in the business of sprayed
insulations and possible only with the
newly developed & patented Kempthorne
Prewetting Method of Dust Control.
(1961)

SprayDon products are scientifically
formulated blends of virgin asbestos
fibers, mineral wool, and cementitious
binders. Research advances in material
formulation coupled with advances in
design of application equipment have
created the new SprayDon finishes
which produce ... harder ... firmer...
more abrasion resistant surfaces."
(1965)

Uses of SprayDon:

Lyndhurst N.J. High School - Lyndhurst, N.J. (1959)
Architect: Peter J. Longarzo

Perth Amboy High School - Perth Amboy, N.J. (1961)
Architect: Murray Leibowitz

8A. Sprayon Research Corp.
(Subsidiary of Sprayon Insulation &
Acoustics Inc.) (1967 - 1969)
1101 NE 110th Street
Miami, Florida 33161 (305) 757-2312

Product:

SprayDon

products are scientifically formulated blends of virgin asbestos fiber, mineral wool & cementations binders. Application is made in one continuous spray operation.

9. Keasbey & Mattison Co.
Ambler, Pennsylvania

(1955 - 1961)

Product:

Sprayed
"Limpet"
Asbestos

100% asbestos fibers - "The self-supporting material for acoustical protection, thermal insulation, condensation control, fire protection." (1957)

100% pure asbestos, plus an inorganic bonding material - complies with U.S. Federal Specification SS-A-111 Type 3; 4 hr rating under supervision of Underwriter's Laboratory (1959)

sold in more than 50 countries throughout the world. (1961)

10. Armstrong Contracting
& Supply Corp.
200 North Line Street
Lancaster, Pennsylvania

(1963 - 1965)

Product:

Sprayed
"Limpet"
asbestos

100 asbestos fibers - amosite asbestos.

"The material is the original & only 100% asbestos mixture sold in the U.S. no substitute fibers are used for any reason." (1965)

11. Aaer-Sprayed Insulation Inc. (1957 - 1963)
Division of Rogers Insulating
& Roofing Co. Inc.
4069-73 North Elston Avenue
Chicago, Illinois (1957)

Product:

"Aaer-Sprayed"
SprayCraft

Satisfactory alternate to the materials specified in the Uniform Building code for 1-4 hr fire retardent classification (1959)

Treatment for abrasions: "For surfaces requiring varying degrees of hardness, SlurryKote Type 'H' is recommended. Slurrykote is an integrally blended mix of Aaer-Sprayed asbestos mineral fibre & elements. The fibre as a wick sets-up a reaction with the 'slurry' which, when set, results in a near-plaster hard mat. (1961)

Users of Aaer-Sprayed Insulation:

Bloomington Grade School - Bloomington, Illinois)
City of Chicago - Chicago, Illinois)
Glencoe West High School - Glencoe, Illinois)
Hatch School - Oak Park, Illinois) (1959)
Lincoln School - Oak Park, Illinois)
Oliver Wendell Holmes School - Oak Park, Illinois)
St. Joseph Parochial School - Damarcus, New Jersey)
West Point Military Academy - West Pt., New Jersey)

Marmion Military Academy - Aurora, Illinois) (1961)
Oak Lawn Community School - Oak Lawn, Illinois)

St. Rita High School-Stadium - Chicago, Illinois - (1963)

12. Wilkin Insulation Co. (1957 -)
7807 Grand Avenue
Elmwood Park, Illinois

Products:

Thermo-Spray Mineral and/or asbestos fibre

Thermo-Coustic

13. U.S. Insulation Sales Corp. (1965 -)
2306 Edwards Street
Houston, Texas

Products:

*Thermo-K Insulation	"is a lightweight loosefill organic insulating material"
*Thermo-Kote	sprayed fibre insulation using Thermo-K as the base material with specified amounts of adhesive binders and a wetting agent added." Pressure applicator. Guaranteed not to spall off.

* Thermo-K Insulation is not identified as containing asbestos,
however, it is listed under asbestos insulation products in
Sweet's catalogue Index.

13. Baldwin - Ehret - Hill, Inc. (1967 - 1969)
500 Breunig Avenue
Trenton, N.J. 08602
(609) 396-4571

Product:

Pyrospray	blended of virgin asbestos fibers, refined white mineral fibers, and inorganic binders. Developed for the many economical spray applications. (1967)
-----------	--

Summary of Product Names and Manufactures of Sprayed Asbestos

<u>Company</u>	<u>Product</u>
Sprayo-Flake Co. Chicago, Illinois	Sprayo-Flake
Sprayed Insulation, Inc. Newark, New Jersey President: James L. Kempthorne	Spraykote
Asbestos Fibres Inc. (A wholly owned subsidiary of Sprayed Insulation Inc.) President: James L. Kempthorne	Spraycraft (Formerly Spraykote)
Smith & Kanzler, Inc. Linden, New Jersey (Company seems to be the new name for Sprayed Insulation, Inc. as of 1955.)	Spraycraft (Formerly Spraykote)
National Gypsum Buffalo, New York	Thermacoustic (Asbestos not speci- fically identified)
U.S. Gypsum	Protokote Textolite (Asbestos not specifically identified)
Asbestospray Corp. Brooklyn, New York Newark, New Jersey (Later bought by Spraycraft Corp., New York)	Asbestospray
Air-O-Therm Chicago, Illinois	Jet-Sulation)Asbestos was not Jet-Acoustics)present in these)products after 1965.
Columbia Acoustics & Fireproofing Co. Stanhope, New Jersey	CAFCO Spray Blaze-Shield Sound-Shield Heat-Shield
<u>later became</u>	
U.S. Mineral Products Co. Stanhope, New Jersey	CAFCO Spray CAFCO Sound-Shield CAFCO Sound-Shield 85
Sprayon Insulation & Acoustics, Inc. Newark, New Jersey	Spraydon
Sprayon Research Corp. Miami, Florida	Spraydon
Keasbey & Mattison Co. (Later sold to Certain-Teed?) Ambler, Pennsylvania	Sprayed "Limpet" Asbestos
Armstrong Contracting & Supply Corp. Lancaster, Pennsylvania	Sprayed "Limpet" Asbestos

<u>Company</u>	<u>Products</u>
Armstrong Cork Co.	Armstrong Armaspray 16
Baldwin-Ehret-Hill Co. Trenton, New Jersey (Later bought by Keene Corp.)	Pyrospray Monospray
Sprayed Insulations Limited	Silbestos
Benjamin Foster Co. Div. of Amchem Products, Inc. Ambler, Pennsylvania	Foster Spray
Aaer-Sprayed Insulation Inc. Div. of Rogers Insulating & Roofing Co., Inc. Chicago, Illinois	Aaer-Sprayed SprayCraft
Wilkin Insulation Co. Elmwood Park, Illinois	Thermo-Spray Thermo-Coustic
U.S. Insulation Sales Corp. Houston, Texas	Thermo-K Insulation Thermo-Kote

Sprayed Mineral Fiber Manufacturers Association
Original Members:

Asbestos Corp.
Baldwin-Ehret-Hill
Smith & Kanzler
U.S. Mineral Products Corp.