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Superfund Records Center

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SDMS DocID 449079

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Via Federal Express

October 1, 2008

Eve Vaudo, Esq.
U.S. Environmental Protection Agency, Region I
Office of Environmental Stewardship
1 Congress Street, Suite 1100 (SES)
Boston, MA 02114-2023

**Re: Centredale Manor Restoration Project Superfund Site
CERCLA § 104(e) Supplemental Response**

Dear Eve:

This submittal supplements previous responses to the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA") Section 104(e) information requests dated February 22, 1999 and January 20, 2000, and three voluntary supplemental responses dated February 12, 2002, August 22, 2002 and June 11, 2003 provided by New England Container Company, Inc. ("NECC").

Enclosed is a copy of a Metro-Atlantic, Inc. product list dating back to the Centredale era that was obtained by NECC from Emhart during discovery in *Emhart Industries, Inc. v. New England Container Co., et al.* (CA No. 06-218), filed in the United States District Court, District of Rhode Island. The product list is being submitted because it provides information pertaining to activities at Centredale during the relevant time period.

In addition, we recently learned of the death of Thomas Cleary, who passed away in July of this year in California.



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Eve S. Vaudo, Esq.
October 1, 2008
Page 2

Please contact me at (203) 462-7561 if you have any questions.

Very truly yours,

A handwritten signature in cursive script that reads "Sarah M. Martin". The signature is written in black ink and is positioned above the printed name.

Sarah M. Martin

Enclosure

cc: John F.X. Peloso, Jr. (without enclosure)
John C. Heenan (without enclosure)

METRO-ATLANTIC INC.

CENTRODAL 101

CHEMICALS

DYESTUFFS

GREENVILLE, S. C.
HAWTHORNE, N. J.
GRANBY, QUEBEC

TECHNICAL BULLETIN

DURABLE WATER REPELLENTS

BULLETIN NO.

- Ranedare R A durable, resinous water repellent. It is particularly effective in combination with thermosetting resins to produce water repellent, crease-resistant, shrink-resistant finishes. WR-12
- Ranedare SN Silicone-based water repellent for use on all textiles. Produces high spray ratings with outstanding durability to dry cleaning. In addition to water-repellent effects, Ranedare SN improves hand, drape and sewability of treated fabrics. Requires curing. WR-13
- Rane-Pel A pyridine-based, durable water repellent. Rane-Pel will produce outstanding water-repellent effects on cotton, rayon, and most other textiles. Rane-Pel finishes have a softer hand, and product discolors less than similar competitive materials. WR-18
- Ranedare PF A resin-based durable water repellent which is highly compatible with practically all textile finishing resins and can be applied to practically all types of fibers such as cotton, rayon, dacron, nylon, etc. to produce outstanding water repellency. This product will also produce a good soft hand and may be employed at lower concentrations as a good softener and spot resistant finish. WR-20
- Atcovex Q A chrome complex made specifically for treating paper to produce water repellency with durability. Decreases dynamic absorption of the fibers, giving greater wet strength. Hand obtained is durable and will not change after soaking in water or solvent.

OBA 0037

METRO-ATLANTIC INC.

CENTRAL 11, P. 1

CHEMICALS

DYESTUFFS

GREENVILLE, S. C.
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TECHNICAL BULLETIN

NON-DURABLE WATER REPELLENTS

BULLETIN NO

- | | | |
|--------------------------|--|-------|
| <u>Atcodri A & B</u> | A two-package, one-bath water repellent composed of aluminum and zirconium salts and high melting waxes. Produces water-repellent finishes on acetate, nylon, and other fabrics. | NR-11 |
| <u>Atcodri TSN</u> | Low viscosity aluminum salt wax emulsion, one-bath water repellent for producing an economical water-repellent finish. | NR-12 |
| <u>Atcodri Z</u> | A one-package zirconium-based water repellent. It produces semi-durable effects on nylon, acetate, and most other textiles. Results compare favorably with those normally obtained with two-package systems. | NR-13 |
| <u>Atcodri 33</u> | A highly-concentrated aluminum salt, high melting wax emulsion combined with other water-repellent materials to produce superior spray ratings at low concentrations on fabrics very difficult to water repel. | NR-14 |
| <u>Atcodri HT</u> | A one-package zirconium-based water repellent for all fabrics. Can be applied by padding or exhausting. Will withstand high temperature drying without lowering spray ratings. | NR-15 |
| <u>Atcodri 55</u> | An anionic water repellent which produces excellent spray ratings on hydrophobic fabrics. Can be used alone or in combination with alkyd or thermosetting resins to produce water repellency with added hand. | NR-16 |

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CENTRAL 11 R 1

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TECHNICAL BULLETIN

THERMOSETTING RESINS

BULLETIN NO.

- Atco Resin #150 A high-polymer urea formaldehyde resin syrup which imparts a permanent, firm, full-bodied hand to cotton, rayon, and most other fibers. TR-11
- Emboset 3CL Concentrated methylated urea formaldehyde resin solution, very low free formaldehyde content. Produces outstanding results on nylon, laces, nets and sheers where crisp, resilient hand is desired. Also effective either alone or with other resins for producing crease-resistant, shrink-resistant effects in cellulosic fabrics. Low free formaldehyde content eliminates many odor nuisances. TR-15
- Thermorez P A new thermosetting resin which can be used on cotton, viscose, and other fibers to produce extremely high crease resistance and good shrinkage control which can withstand many washes and dry cleanings. Thermorez P, however, is not chlorine resistant. TR-19
- Melomel Methylated methylol melamine which has excellent creaseproofing and shrinkage control properties on hydrophilic fibers. When applied to hydrophobic fibers, Melomel produces the desired crisp finish without markoff or cracking. TR-20
- Emboset K A dimethylol ethylene urea resin which has found an extensive amount of use throughout the past years for producing good crease resistance and shrinkage control with good chlorine resistance. It is applicable to all types of fibers with a minimum amount of difficulty. TR-23
- Thermorez W A liquid urea formaldehyde resin which produces extremely high crease resistance particularly on viscose and viscose blends. Thermorez W is compatible with practically all finishing agents and is catalyzed by most standard type catalysts. High tensile strengths and good stabilization are also demonstrated with Thermorez W. TR-24
- Emboset 3 Conc A methylated urea formaldehyde resin which produces crease resistance and shrinkage control on cotton, viscose and blends thereof. On hydrophobic fibers, Emboset B Conc produces a very desirable, slightly crisp finish. TR-26

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OBA 0039

- Emboset A1 A thermosetting resin which has been designed to produce an exceptionally firm finish on nylon fabrics which have an open weave structure. We particularly recommend the use of this material where low formaldehyde odors are important. TR-27
- Emboset A1C A thermosetting resin specifically designed for obtaining a crisp finish on nylon. Even small amounts of Emboset A1C will produce a very desirable and pleasing crisp finish. TR-28
- Emboset D-450 Will produce highly durable finished effects on all cellulosic fabrics and will produce a moderately soft, full finish with excellent dimensional stability and high crease recovery values. TR-30
- Atco EUS This is ethylene urea, a cyclic urea used for the manufacture of dimethylol ethylene urea, a thermosetting resin employed in the textile and paper trade. TR-33
- Atco 57S 5% ethylene urea solution. TR-34
- Slorez Reactant A thermosetting fiber reactant specifically developed and manufactured for use in deferred cure, permanent crease and press finishes on cellulose and cellulosic blends. This product is approved by Koratron.
- Slorez H2 & Slorez H22 Thermosetting resinous fiber reactants. Each a specific modification of Slorez Reactant to produce different effects on finished hand and physical properties of cellulose and cellulosic blends.

METRO-ATLANTIC INC.

CENTRALDALE II, R. I.

CHEMICALS

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TECHNICAL BULLETIN

CATALYSTS FOR THERMOSETTING RESINS

BULLETIN NO.

- Atco Catalyst AN Liquid organic catalyst for use with urea and melamine formaldehyde resins. Resin baths containing this product have unusually long bath life, cure rapidly, and show no tendency to yellow. C-11
- Atco Catalyst PM This material is an inorganic metallic salt solution which will produce excellent results when used in combination with all of the common thermosetting resins. The use of Atco Catalyst PM minimizes odors, yellowing and tendering when applied under recommended conditions. C-12
- Atco Catalyst 66 This is the latest of metallo-organic complex catalysts. Atco Catalyst 66 has the unusual property of being compatible with practically any thermosetting or fiber reactant resin employed in textile finishing. This compatibility greatly enhances the curing action of Catalyst 66. C-14

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GRANBY, QU.

TECHNICAL BULLETIN

SYNTHETIC SOFTENERS

BULLETIN NO.

- Atco Napsoft D An anionic softening agent which shows outstanding efficiency as a napping aid. Produces a soft, mellow hand, does not discolor whites, and in most cases a soft, lofty nap can be obtained with a minimum number of passes through the napper. SS-11
- Atco Rezsoft LCV A liquid cationic softener which is recommended for any application where a full soft hand is required with a minimum of yellowing, shade change, and other injurious side effects. It is particularly effective in thermosetting resin finishing applications. SS-12A
- Atcosoft H Anionic softener with outstanding resistance to yellowing. Substantive to most fibers and compatible with anionic and nonionic finishes. SS-13
- Atcosoft PE A nonionic polyethylene softener emulsion. Will not affect the shade of dyed fabrics. Produces soft, full hand with improved crease resistance, sewing properties and tear strength. Produces outstanding results in minimum-care cotton finishing. SS-14
- Atcosoft S A nonionic silicone softener which may be applied by exhaustion to wool, orlon and other fibers, very effective in pad finishes with thermosetting resins and many other materials. SS-16
- Atcosoft SD Cationic softener to impart durable softness to cotton, wool and synthetics. Minimum effect on shade and light fastness. SS-17
- Atcosoft VS A stable nonionic softening agent. It is compatible with thermosetting resins, copper-containing dyefixing agents, metallic salts and most other finishing agents. Produces a full, round hand in resin-treated fabrics. SS-18
- Rezsoft NP This is a reactive nonionic polyethylene softener which produces excellent whites; and, due to its nature, increases tear and abrasion resistance materially over most other type softeners. SS-24

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OBA 0042

- Rezsoft NPL A lanolized reactive nonionic polyethylene softener SS-25
which, due to the nature of the lanolin, produces excellent
whites and finds particularly good use on fabrics which normally
would be worn close to the body.
- Rezsoft CP This is a cationic polyethylene emulsion type softener SS-26
which produces the highly desirable effects of a direct substantive
cationic softener in conjunction with the high lubricity and im-
proved tear and abrasion resistance of polyethylene emulsions.

METRO-ATLANTIC INC.

CENTRALDALE II, R. I.

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TECHNICAL BULLETIN

DETERGENTS

BULLETIN NO.

- Atco CSN A combination of emulsifying agents and detergents with 40% dry cleaning solvent. Particularly adapted to the boiling off of goods containing wax and grease and for the removal of greige mill oil. D-11
- Atco DA Conc Anionic, modified fatty acid amine condensate. Excellent combination of wetting, detergency, and rewetting properties. Stable in the presence of relatively high amounts of alkali. Recommended in any application where soda ash and other alkaline materials are present. Particularly useful for neutralizing and scouring in one bath after carbonizing. D-12
- Atcepal D Conc Alkyl aryl polyethylene glycol ether. Nonionic synthetic detergent for the scouring of all fibers and fabrics. Excellent wetting agent. Stable to acids, alkalies, and hard water. D-13
- Atcopon Series Sodium salt of oleo methyl tauride. Anionic synthetic detergents with high foaming properties. Excellent for boiling off cottons, woollens, and synthetics. Recommended for scouring of piece goods and for print washing. Stable to acids, alkalies, and hard water. Available at various concentrations. D-14
- Atcosol 66 Solvent modified anionic detergent. Highly efficient product for the removal of waxes, pectins, sizes, etc. from greige goods. Recommended in kierboiling, jig boiloff, and most routine scouring operations. D-15
- Atco X-500 Anionic, fatty acid, amine condensate with an excellent combination of detergent, wetting, and rewetting properties. Recommended for kierboiling, print washing, and general boiloff. D-17
- Atcowet 2 Modified alkyl sulfonate in liquid form. Economical anionic detergent and wetting agent. Produces copious foam; very stable under all conditions. Very high wetting powers in sulphuric acid carbonizing baths. Stable to acids, alkalies, and hard water. D-18
- Nyloterge Powdered graphite remover for nylon and other synthetic laces. Efficient at low temperatures. D-19
- Atcosol #38 It is a completely nonionic emulsifier which is used in conjunction with solvents such as Naptha, Varsol, and other similar type solvents normally used in solvent boiloff systems. D-20

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METRO-ATLANTIC INC.

CENTRAL 11 R. 1.

CHEMICALS

DYESTUFFS

GREENVILLE, S. C.
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TECHNICAL BULLETIN

DYEING AND BLEACHING ASSISTANTS

BULLETIN NO.

- Atco Bleaching Auxiliary HV Stabilizer for Atco Chlorite. Prevents premature decomposition of sodium chlorite, thus increasing bleaching efficiency and preventing development of the very obnoxious chlorine dioxide odor which normally form in sodium chlorite bleaches. DB-11
- Atco CCF Sequesters calcium, copper and iron. Prevents the formation of metallic soaps in scouring. Prevents dulling of shades in dyeing caused by presence of trace metals. DB-12
- Atco CH-80 This product is an efficient sequestering agent for iron, calcium, magnesium and other trace metals which are normally present in industrial waters. It is particularly effective for sequestering iron. DB-13
- Atco Chlorite High-quality, powdered bleaching agent which contains 50% sodium chlorite plus a corrosion inhibitor which prevents damage to equipment normally caused by other similar bleaching agents. DB-14
- Atcosel This is a bleaching agent which, when employed in slightly alkaline medium, releases oxygen to produce excellent bleaching as well as removal of moles of cellulosic fibers. DB-14A
- Atcofix 90 & 90 Conc Dyefixing agents for direct colors. Readily dispersible in cold water, mix well with thermosetting resin finishes in pad application; or they may be applied by exhaustion from a jig or beck. Prevent cold water bleeding and greatly improve wash fastness with many direct colors. May be used in combination with copper salts if desired. DB-15
- Atco Leveller NF Non-foaming levelling and penetrating agent for use with acid dyes, mordant acid dyes and other wool colors. Especially recommended for dyeing tippy wool. DB-16
- Atconil DAC-25 Made specifically for the dispersing and dyeing of acetate colors and is recommended for no other use. DB-17
- Atconil O-20 Ethylene oxide condensate of a fatty alcohol. Vat dyeing assistant in low concentrations. Vat stripping agent in high concentrations. DB-18

OBA 0045

- Celersel A patented accelerator and dyeing assistant for wool DB-19
and other animal fibers. It allows shorter dyeing time, better
penetration and improved weaving characteristics. There is less
fiber damage during dyeing, and a product with improved hand and
superior quality results from the use of Celersel.
- Atconil OA Atconil OA is a very effective vat dyeing assistant DB-20
in low concentrations; and because of its anti-redeposit pro-
perties it is extremely effective as a vat stripping agent at
higher concentrations.
- Atco Dye Assist LF This is a highly efficient low foaming dyeing DB-21
assistant which is normally used in the dyeing of wool and wool
blends. This product, because of its low cost and high effi-
ciency, is a very versatile and excellent product to use.

METRO-ATLANTIC INC.

CENTREDALE II, R. I.

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TECHNICAL BULLETIN

PRINTING AUXILIARIES

BULLETIN NO.

- Metaperm KC Water-based thermoplastic resin emulsion for printing metallic pigments. Produces bright fast metallic effects. Adapted to both roller printing and screen printing applications. PA-11
- Metaperm PX A combination solvent water-phase thermoplastic resin emulsion for machine printing with metallic pigments. Has outstanding running properties and will produce bright fast prints under normal processing conditions. Metaperm PX will not foam in high-speed agitation to produce a print paste which will yield softer prints, higher color value, less crocking, faster aging, easier oxidation, and easier washing than conventional vat gums. PA-12
- Metrotex Clear Conc. Resinous printing vehicle and binder for water phase pigments supplied as a concentrate which is emulsified under high-speed agitation to give a print paste with high degree of binding power. The prints show very good fastness properties to the usual color-destroying agencies. PA-13
- Metrotone Clear Conc Resinous binder and printing vehicle for oil-phase pigment colors supplied as a concentrate to be emulsified under high-speed agitation into a print paste with excellent stability. Prints are clear and sharp and have optimum fastness properties.
- Low Crock Additive Used with the above Clear concentrates when a high degree of fastness to crocking is required. Excellent compatibility with the print paste and a highly efficient agent for the improvement of fastness to crocking.
- Atco Reserve Salt L Powder and Flake Printing auxiliary used as a resist under vat dyeings, as a protective agent for naphthols and rapidogens when printed alongside vat colors, and as a protective agent in kierboiling of colored materials. Greatest use is the protection of easily dischargeable grounds from doctor streaks and scumming. The Powder is a 100% material, and the Flake is a highly concentrated flake type printing auxiliary. PA-15
- Atco Mulson P This is a nonionic wax emulsion which has very high stability in acid and alkaline solutions as well as those containing electrolytes. It is used extensively in printing, resisting caustic for scersucker effects, and in finishing. PA-16

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CENTRIDALE II, R. I.

CHEMICALS



DYESTUFFS

GREENVILLE, S. C.
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TECHNICAL BULLETIN

WETTING AGENTS

BULLETIN NO.

- Atco Carbowets Efficient wetting agents for use in combination with sulphuric acid wool carbonizing baths. Both foaming and non-foaming types are available. WA-11
- Atco Merpene Series The Merpene products are a series of penetrants which are manufactured specifically for use in highly concentrated caustic soda solutions. There is a Merpene product available to cover the range from 20°tw. to 90°tw. Both cresylic-based types and non-cresylic types are available. WA-12
- Atcowet T Series These products are a series of efficient wetting agents which are available at concentrations ranging from 25% to 67% active matter. They are effective in practically all phases of textile wet processing including dyeing, finishing and wool carbonizing. They are not recommended for use in highly alkaline solutions. WA-13
- Atco Rewet This is a product which produces extremely high re-wetting activity when applied in various finishing operations. This material can also be used as a highly efficient wetting agent and, allowed to remain on the goods, it produces excellent rewetting properties. WA-14

OBA 0048

METRO-ATLANTIC INC.

CENTRODALL II, R. I.

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DYESTUFFS

GREENVILLE, S. C.
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TECHNICAL BULLETIN

OILS and LUBRICANTS

BULLETIN NO.

- Atco Finishing Oils A series of sulfonated vegetable oils with outstanding lubricating and softening properties. All Atco Finishing Oils are readily soluble in water, and they are compatible with many other finishing agents. 0-11
- Atco Process Oil A very efficient fiber lubricant and anti-static agent for application to textured nylon, orlon, and other synthetic yarns. Atco Process Oil is normally applied before spinning to provide lubrication and anti-static properties to the yarn during processing. The oil is readily removed by scouring in warm water. 0-12
- Atco Sulfonated Castor Oils Highly sulfonated castor oil available in 50% to 75% concentrations. May be used in any dyeing or finishing application where a high grade sulfonated castor is required. 0-13
- Atco Sulfonated Tallows Highly refined sulfonated tallow products available in 50% and 75% concentrations. Atco Sulfonated Tallows show a minimum of yellowing with heat and will not become rancid during storage. These products are low cost, efficient, softening agents for cotton and other textiles. 0-14
- Atco Wool Oils A series of selfemulsifiable, nonionic and anionic wool oils for application to raw stock. Efficient anti-static agents and lubricants. Atco Wool Oils are available for all grades and types of wool stock. 0-15

OBA 0049

MILITRO-ATLANTIC INC.

CENTRAL FALLS, R. I.

CHEMICALS

DYESTUFFS

GREENVILLE, S. C.
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TECHNICAL BULLETIN

SPECIAL PURPOSE PRODUCTS

BULLETIN NO.

- Atco Bindtex R A water-soluble resin for use as a slipproofing agent on filament rayon, acetate and other synthetic fabrics. Imparts firm, bulky hand with slip-resistant properties. SP-11
- Atco Dullers A series of pigment dispersions with outstanding efficiency as delustering agents for filament yarns. Available as anionic and cationic dispersions for light and dark shades. All Atco Dullers are readily soluble in water, and they have excellent covering power with a minimum of markoff. SP-12
- Atco Finish #81 An extremely stable vegetable gum solution which will impart stiffness and body to practically all textiles. This material is compatible with water repellents, fire retardants and many other finishing agents which would precipitate more conventional gum solutions. SP-13
- Atco GP A durable gas-fading inhibitor for acetate colors applied normally by exhaustion in the dyebath. Will stand repeated launderings and dry cleanings. SP-15
- Atco GF A non-durable gas-fading inhibitor for acetate colors applied by padding either alone or in combination with other finishing agents. SP-16
- Atco Hydrofoam Silicone-based defoaming agent effective in all phases of textile scouring, dyeing and finishing. SP-18
- Atco NS A very stable polyvinyl acetate emulsion which will produce durable stiffness in most textiles. This product is compatible with water repellents, thermosetting resins and most other textile auxiliaries. SP-19
- Atco Finish #876 Extremely stable thermosetting resin emulsion which may be used in a wide variety of textile finishing applications where added firmness and body are required. Compounded from selected emulsifiers which do not backwet. May be used with common wax-type water repellents. Produces practically any degree of stiffness in fabric without harming spray rating of the water repellent finish. SP-19A
- Atco Weighters A series of heavy salt, water-soluble materials which will impart weight and body in finished fabrics to yield an actual increase in ounces per yard in goods being processed. Atco Weighters also produce a full mellow hand in most materials to which they are applied. A series of products is available to meet the requirements of various textile finishers. SP-20

SPECIAL PURPOSE PRODUCTS cont'd

BULLETIN NO.

- Atco XPW A nonionic acrylic emulsion widely used as a binder and finishing agent in textile processing. Produces full round hand in most textiles. Very effective in thermosetting resin finishing applications producing added bulk and body along with marked improvement in crease recovery, tear strength and abrasion resistance. SP-21
- Atco SA Water-soluble slipproofing agent especially for synthetic fibers. May also be used as assistant in fixation of many direct colors. Compatible with most anionic resins and finishes. SP-24
- D-Stat CW Cationic compound with excellent anti-static properties. Produces excellent lubrication when applied to textiles, plastics, and many other materials. Readily dispersible in warm water solutions and at extremely low concentrations. Used extensively on hydrophobic fibers, quite durable to washing and dry cleaning, compatible with wide variety of materials which are nonionic or cationic in nature. SP-25
- D-Stat NX Which can be used on all types of textile fibers but is particularly effective on hydrophobic fibers, is a unique product which also has found application on various types of plastic such as polystyrene, etc. Very small amounts of this material are highly effective for long periods of time. SP-26
- D-Stat NX-100 Is the 100% version of the D-Stat NX which is still more active in its performance. SP-26A
- Atcobond #1240 N Is a hand modifier or building agent which produces firmness with fullness and can be used to modify practically any type of hand desired. It is flexible, firm and also will improve abrasion resistance. SP-27
- Atco Ribbon Finish Is an extremely unique ribbon finish and only very small amounts of this product are required to produce the highly desirable ribbon or satin finish normally found in use today. This material requires a minimum of conventional equipment for application. SP-28

OBA 0051