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(e) said slurry, binding agents, additives and fillers being subjected to a paper-making process which renders a finished product having the characteristics of substantial density, air impermeability, and smoothness.

2. An antimicrobial paper according to claim 1, wherein said antimicrobial additive is selected from the group consisting of compounds containing halogenated aromatic nitriles; a salt of imazalil sulphate; 3,5,3',4'-tetrachlorosalicylanilide; and dichlorophene.

3. An antimicrobial paper according to claim 2 wherein said antimicrobial additive comprises a combination of two or more of said compounds.

4. An antimicrobial paper for packaging surgical supplies and other goods to be maintained in a sterile condition, said paper comprising the combination of:

- (a) paper forming fibers;
- (b) a polymeric binding agent selected from the group containing acrylics, polyvinyl acetates, vinyl acetate-ethylenes, polyvinyl chlorides, and styrene-butadiene latexes;
- (c) said binding agent including an antimicrobial additive incorporated therein, said antimicrobial addi-

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tive being non-crosslinked with said binding agent and forming reservoirs which reside in colloidal suspension within the amorphous zones of said binding agent and from which said antimicrobial additive migrates to the surface of said paper until the reservoir is exhausted;

(d) fillers selected from the group including aluminum silicates, titanium dioxide, calcium carbonates, zinc oxides, zinc sulfides, hydrated aluminum talc, calcium sulfate, and barium sulfate;

(e) said combination having the characteristics of substantial density, air impermeability, and smoothness.

5. An antimicrobial paper according to claim 4, wherein said antimicrobial additive is selected from the group consisting of compounds containing halogenated aromatic nitriles; a salt of imazalil sulphate; 3,5,3',4'-tetrachlorosalicylanilide; and dichlorophene.

6. An antimicrobial paper according to claim 5 wherein said antimicrobial additive comprises a combination of two or more of said compounds.

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