

JULY 2012 MATERIALS UPDATE

Material ConneXion®

As part of our promise to provide our clients with the newest and most innovative materials sourced from around the world, we are pleased to present our monthly Materials Update. Here you will find the latest materials to have been added to the database, upon their acceptance by our regular jury process.

These materials can be seen online and on-site at our New York location. Selected materials are also available at our Cologne, Daegu, Milan, and Bangkok locations; please call or email us at any of the addresses listed for more information.

Interested in these materials but not a client? Our subscription-based Materials Library is the world's largest library of advanced, innovative and sustainable materials and processes. With 45-60 new materials added every month, our libraries around the world give you immediate access to 6,500+ materials onsite and online, Material Specialists and Monthly Updates on what's new.

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JULY 2012 MATERIALS UPDATE

Material ConneXion®

CATEGORY INDEX

Carbon

Cement

Metal

Glass

Polymer

Ceramic

Natural

Process

MC#: 2687-21

Wallcovering composed of 43% post-consumer recycled polyester and 57% virgin polyester with an acrylic gum backing. It has been treated with Green-Shield stain protection, a finish certified by Scientific Certification System (SCS) as a low fluorocarbon treatment.



MC#: 3687-15

Breathable faux-leather textiles composed of 100% polyurethane (PU) surface with 65% polyester and 35% rayon backing. Applications are for healthcare, hospitality, residential, office, marine, aviation, recreation and automotive.



MC#: 4732-11

Latex-saturated paper that simulates metallic print with mesh texture. This material is suitable for screen printing, foil stamping, and blind stamping. Applications include paper stock, packaging, and books.



MC#: 1632-18

Wood veneer panel that is intended for use as a top layer for parquet flooring. This wood composite sheet is adhered to a structural base layer, and can mimic more exotic woods such as teak and ebony. Applications are for interior residential and commercial flooring.



MC#: 2687-22

Wallcovering composed of 100% post-consumer recycled content backing paper. The design offers an organic swirl pattern with an interesting visual effect. Applications are for interior residential wallcoverings.



MC#: 4732-09

100% rayon cloth that is paper backed. This material is suitable for one-color line work, foil and blind stamping. Applications include paper stock and covers for portfolios, fragrance boxes, and menus.



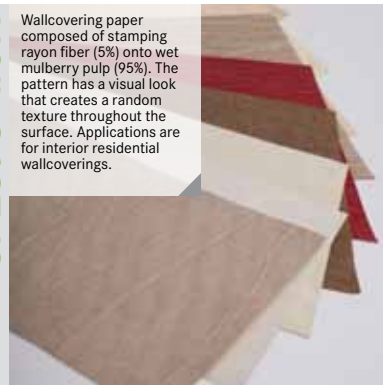
MC#: 5429-10

Printing, packaging and stationery paper that incorporates shimmering effects. This series of cellulose-based papers incorporates a small amount (5%) of PET as a multilayered surface film. Applications are for promotion materials.



MC#: 2687-18

Wallcovering paper composed of stamping rayon fiber (5%) onto wet mulberry pulp (95%). The pattern has a visual look that creates a random texture throughout the surface. Applications are for interior residential wallcoverings.



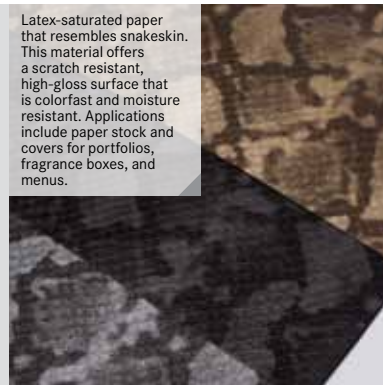
MC#: 2687-23

Textile composed of 100% polyurethane (PU) and reinforced rayon backing. The surface has a metallic effect and soft leather-like feel. Applications are for drapery, upholstery and wallcovering.



MC#: 4732-10

Latex-saturated paper that resembles snakeskin. This material offers a scratch resistant, high-gloss surface that is colorfast and moisture resistant. Applications include paper stock and covers for portfolios, fragrance boxes, and menus.



MC#: 6929-01

FSC certified exterior wood composite cladding from 33% post-consumer recycled paper fiber, bamboo fiber and corn. Applications are for interiors, exterior siding, soffits and wainscoting.



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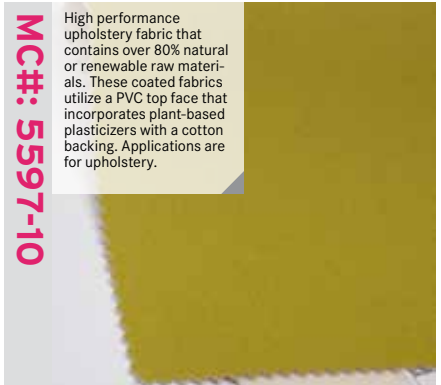
MC#: 6929-02

Solid surfacing from 50% post-consumer recycled paper fiber and a 50% rapidly renewable corn. Applications are for interiors, exterior siding and soffits.



MC#: 5597-10

High performance upholstery fabric that contains over 80% natural or renewable raw materials. These coated fabrics utilize a PVC top face that incorporates plant-based plasticizers with a cotton backing. Applications are for upholstery.



MC#: 5597-11

High performance upholstery fabric that contains over 80% natural or renewable raw materials. These coated fabrics utilize a PVC top face that incorporates plant-based plasticizers with a cotton backing. Applications are for upholstery.



MC#: 5597-12

High performance upholstery fabric that contains over 80% natural or renewable raw materials. These coated fabrics utilize a PVC top face that incorporates plant-based plasticizers with a cotton backing. Applications are for upholstery.



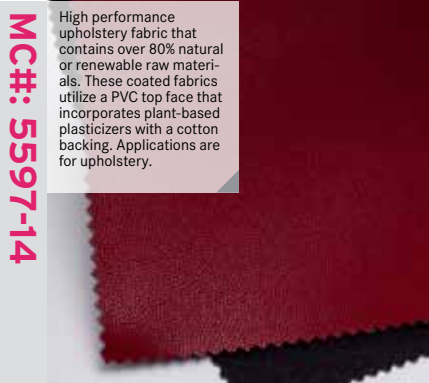
MC#: 5597-13

High performance upholstery fabric that contains over 80% natural or renewable raw materials. These coated fabrics utilize a PVC top face that incorporates plant-based plasticizers with a cotton backing. Applications are for upholstery.



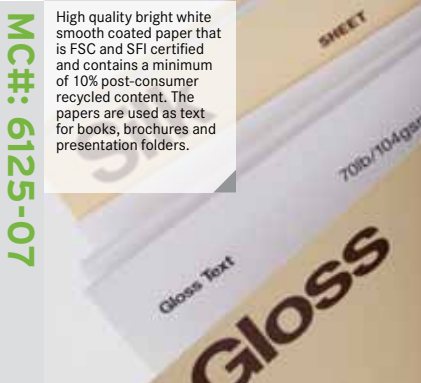
MC#: 5597-14

High performance upholstery fabric that contains over 80% natural or renewable raw materials. These coated fabrics utilize a PVC top face that incorporates plant-based plasticizers with a cotton backing. Applications are for upholstery.



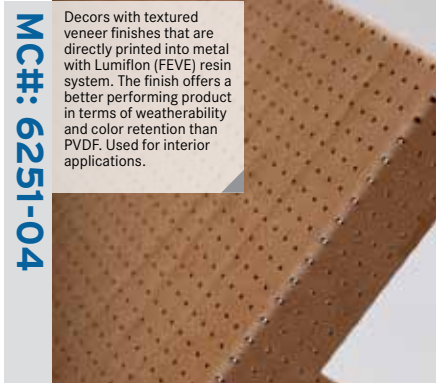
MC#: 6125-07

High quality bright white smooth coated paper that is FSC and SFI certified and contains a minimum of 10% post-consumer recycled content. The papers are used as text for books, brochures and presentation folders.



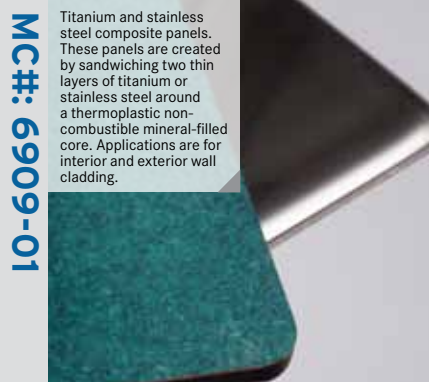
MC#: 6251-04

Decors with textured veneer finishes that are directly printed into metal with Lumiflon (FEVE) resin system. The finish offers a better performing product in terms of weatherability and color retention than PVDF. Used for interior applications.



MC#: 6909-01

Titanium and stainless steel composite panels. These panels are created by sandwiching two thin layers of titanium or stainless steel around a thermoplastic non-combustible mineral-filled core. Applications are for interior and exterior wall cladding.



MC#: 6912-01

A PTFE roofing system that incorporates aerogel particles to increase thermal and sound insulation. This flexible, translucent, lightweight multilayer sheet is used as an in-elastic roofing membrane for sporting, institutional, retail and transportation structures.



MC#: 6915-01

Hand woven and hand spun silk and cotton textile. This lightweight textile is available in many patterns, textures and colors from both natural plant dye and safe chemical dye. Applications include clothing, furniture, curtains and home textiles.



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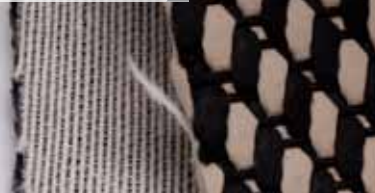
Ceramic

Natural

Process

MC#: 6916-01

Woven textile composed of 80% leather, 20% polyurethane (PU) with a woven backing. This material is customizable with 76 designs and structures along with 152 color combinations. Applications are for accessories, upholstery, wall coverings, and apparel.



MC#: 6916-02

Woven textile composed of 66% polyester, 34% polyurethane (PU) with a woven backing. This material is customizable with 76 designs and structures along with 152 color combinations. Applications are for accessories, upholstery, wall coverings, and apparel.



MC#: 6916-03

Woven textile composed of 57% polyester, 30% polyurethane (PU), 13% polyamide with a woven backing. Applications are for accessories, upholstery, wall coverings, and apparel.



MC#: 6916-04

Woven textile composed of 60% leather, 26% polyamide, 14% vinyl with a woven backing. This material is customizable with 76 designs and structures along with 152 color combinations. Applications are for accessories, upholstery, wall coverings, and apparel.



MC#: 6916-05

Woven textile composed of 38% virgin wool, 26% polyester, 18% polyurethane, 18% polyamide with a woven backing. Applications are for accessories, upholstery, wall coverings, and apparel.



MC#: 6916-06

Woven textile composed of 38% virgin wool, 38% polyester, 22% polyurethane, 2% cotton with a woven backing. Applications are for accessories, upholstery, wall coverings, and apparel.



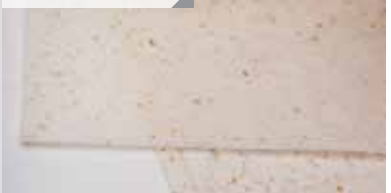
MC#: 6916-07

Woven textile composed of 38% virgin wool, 38% polyurethane, 22% polyester, 2% other fibers with a woven backing. Applications are for accessories, upholstery, wall coverings, and apparel.



MC#: 6918-01

Handmade paper that contains mandarin pulp. The paper is fabricated with a mixture of natural pulps such as mulberry, wood, and hemp. Applications include packaging, stationary, consumer goods, accessories, wallpaper, and interior décor.



MC#: 6918-02

Handmade paper that contains natural seaweed pulp. The paper is fabricated with a mixture of natural pulps such as mulberry, wood pulp and seaweed powder. Applications include packaging, stationary, consumer goods, wallpaper, and interior décor.



MC#: 6918-03

Handmade paper that contains Pampas grass pulp. The paper is fabricated with a mixture of natural pulps such as mulberry and hemp. Applications include packaging, stationary, consumer goods, accessories, wallpaper, and interior décor.



MC#: 6918-04

Paper that contains natural pulp and volcanic stone particles. The paper is fabricated with a mixture of natural pulps such as mulberry, wood, and hemp. Applications include packaging, stationary, consumer goods, accessories, wallpaper, and interior décor.



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MC#: 6918-05

A natural fiber textile that contains mandarin orange peel. The textile is fabricated with a mixture of natural pulps such as mulberry, wood, and hemp. Applications include packaging, fashion, accessories, consumer goods, wallpaper, bedding, and interior décor.



MC#: 6920-01

Glazed lava stone sheets for countertops and decorative ceramic tile. The stone is taken from sites where the lava has cooled quickly through contact with water without collecting debris such as soil and organic material.



MC#: 6921-01

A patented pressure control technology that enables the dispensing of fluids and other medium to high viscosity fluids. This system replaces traditional aerosol products used with conventional metal cans and chemical propellants. Used for cosmetic containers.



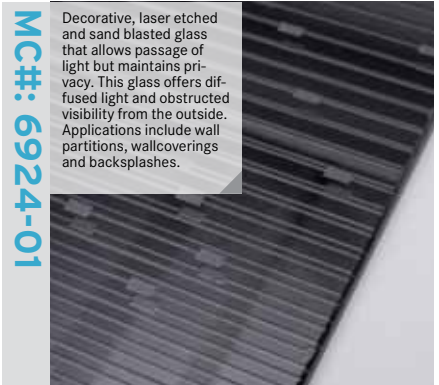
MC#: 6922-01

100% biodegradable PVC sheets. These sheets are phthalate free, filter out 99% of UVA/UVB/UVC ultra violet rays have a 0 degree cold crack, and are printable. Applications are for apparel and accessories.



MC#: 6924-01

Decorative, laser etched and sand blasted glass that allows passage of light but maintains privacy. This glass offers diffused light and obstructed visibility from the outside. Applications include wall partitions, wallcoverings and backsplashes.



MC#: 6925-01

Closed cell foams that dissipate impact energy and prevent bouncing. They are comprised of chemically crosslinked polyolefins. Applications include marine padding, automotive vibration pads, impact sound insulation, orthotic supports, footwear and toys.



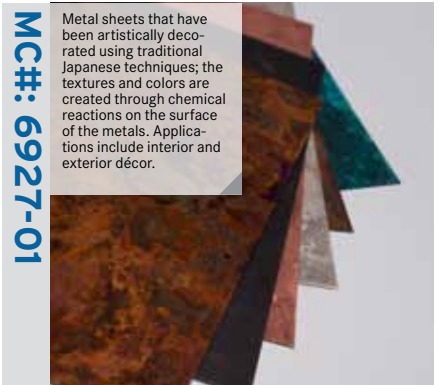
MC#: 6926-01

Ecological foam comprised of polyols derived from domestically grown soy and castor plants, which are biodegradable and recyclable. Applications include surfboards.



MC#: 6927-01

Metal sheets that have been artistically decorated using traditional Japanese techniques; the textures and colors are created through chemical reactions on the surface of the metals. Applications include interior and exterior décor.



MC#: 6928-01

Solid surface created from 80% recycled inorganic materials bound together with a geo-polymer matrix. Applications include solid surfaces, furniture, flooring, roof shingling and outdoor flooring.

