Paperbase Alerting Service Sample

Paper, board and nonwoven packaging

00001
PI: 20202540 JA: 0202
TI: Finland shapes up
AU: Abbott R
JN: Packag. Today $IS=0268-0920
CI: vol. 23, no. 10, Oct. 2001, pp 27-30 (P)
CT: COMPANY INFORMATION/ NEW PRODUCT/ PACKAGING INDUSTRY/
AB: Stora Enso is now ranked second after International Paper following its acquisition of Consolidated Papers. M-real, which has acquired Modo Paper, has announced an investment programme including a folding boxboard machine at Aanekoski. The packaging business of Ahlstrom was merged in April 2001 with the European flexible packaging operations of Amcor Flexibles and Danisco. The leading manufacturer of consumer packaging in Finland is Akerlund and Rausing. The company has recently launched two new families of flexibles, Transobond LL for modified atmosphere packaging and Transofoil LL reverse printed laminated foil suitable for packing ground coffee without an outer wrapper. The company has also produced a new distinctive four pack for cider from metallised board. UPM Bag Papers produces a machine glazed kraft called White Flex 007 for the manufacture of bags and carriers and SwanWhite Cup for paper cups. Walki Wisa, a division of UPM-Kymmene, has developed Walkivac M laminate for base web and top web applications. and a new laminated wafer lid material called Walkilid. Wipak produces barrier film technology and Eura Consumer Products manufactures a dispersion barrier coating stable at temperatures up to 220 deg C. Ypap Oy manufactures wrapping papers for the retail, baking and food industries.
SO: B

00002
PI: 20202746 JA: 0202

TI: Migration of substances from paper and board food packaging materials
AU: Aurela B
CI: KCL Communications 3, Espoo, Finland: KCL, 2001, 103pp, FIM250.00 (ISSN 1457-6252) (K, P)
CT: ANALYSIS/ BARRIER/ FOOD PACKAGE/ FOOD PACKAGING/ FOOD PACKAGING BOARD/ FOOD PACKAGING PAPER/ LEGISLATION/ MIGRATION/ OVENABLE BOARD/ PACKAGING MATERIAL/ TEST METHOD/
CN: KCL
AB: A study was conducted to determine what potentially hazardous substances are present in the paper and board used for packaging materials and whether these can migrate into food packaged using these materials. Methods were developed: for testing barrier properties of food packaging materials, to investigate what potentially hazardous substances are present in paper and board packaging materials, for the use of the solid food simulant (Tenax, a modified polyphenylene oxide resin) for testing migration from fibre-based materials, to compare the results of migration tests using Tenax with migration into foods, and to develop the simplest experimentally verifiable model for migration through a fibre network. The overall stimulus for the research was the need for food packaging materials to comply with European Commission health regulations. Measurements of the migration of diethyl phthalate (DEP), diethylhexyl phthalate (DEHP), diisobutyl phthalate (DIBP), alkylbenzenes (LAB), butyrate and hydrocarbons, originating in the adhesives and printing inks used in the packaging materials, showed significant migration into both the Tenax and the food tested. The results, which showed that the migration of phthalates and alkylbenzenes corrsponded with real life migration, indicated the feasibility of the migration test using Tenax and a closed migration vessel. (10 fig, 9 tab, 117 ref)
SO: B

00003
PI: 20202767 JA: 0202
TI: Bag in box: wine package which became a success
AU: Anon
JN: Packmarknaden Nord.
CI: no. 14, Sept. 2001, p. 16 (K, P)
CT: BAG IN BOX/ BEVERAGE/ BOARD CONTAINER/ SALES/
AB: The first bag in box packaging for wine entered the Swedish market in 1996 and has since become a success, with a sales increase of 76% since 2000. The bag in box concept keeps the wine fresh for a long time due to the oxygen barrier properties of the bag. The board must be light and rigid, and the bag airtight, thin and flexible. The pourer must be easy to open, reliable, and tight fitting. The bag in box concept provides the option to keep the wine for a longer period of time. Most boxes on the Swedish market are made of board, but there is also a popular wooden box. The most common size is three litres, but there are also two, five, and ten litre boxes. Another practicable board container for wine is the Tetra Brik, which was introduced in 1997 and immediately became a success, with 11.6m litres of Tetra Brik wine being sold in Sweden between June 2000-May 2001. The Tetra Brik does not include a vacuum bag, and the container is most suitable for wines that are to be consumed within a short period of time. (Short article)
SO: B

00004
PI: 20202768 JA: 0202
TI: New dispersion
AU: Anon
JN: Packmarknaden Nord.
CI: no. 14, Sept. 2001, p. 25 (K, P)
CT: BAKERY PRODUCT/ COATED BOARD/ DISPERSION/ FOOD PACKAGE/ NEW PACK/ OVENABLE BOARD/
CN: Euran Kuluttajatuotteet Oy
AB: Euran Consumer Products, Finland, has developed a new paper tray, coated to provide resistance to liquid and fat, and suitable both for freezing and for heating in an oven. The paper trays are to be used as an alternative to aluminium and plastic. The dispersion coating is made up of very small pieces of acrylic dispersed in a water-based material. The pieces of acrylic are small enough to be degraded during composting. The dispersion coating is not water resistant, but can handle pastries and food with a high water and fat content without the water or fat penetrating the fibre packaging. The dispersion is entirely tasteless and does not emit any odours up to 220 deg C. The new tray is cheaper than plastic packaging, but more expensive than aluminium trays. Many manufacturers are however looking for an alternative to aluminium, and this paper tray provides an interesting possibility. The tray material is made by Stora Enso, printing and punching is carried out by A and R Carton, and Euran folds and glues the trays according to the customers' requirements. Euran Consumer Products has 65 employees and a turnover of FIM92m. (Short article)
SO: B

00005
PI: 20203057 JA: 0202
TI: New ecological coating
AU: Anon
JN: Nord Emballage $IS=0039-6494
CI: vol. 67, no. 9, Sept. 2001, p. 12 (K, P)
CT: COATED BOARD/ DISPERSION/ FOOD PACKAGE/ FOOD PACKAGING BOARD/ NEW PACK/ RECYCLABILITY/
AB: Euran Consumer Products Ltd in Finland has developed a new dispersion coating for food packaging board which will protect against humidity and fatty substances. It is also odourfree and tasteless. The coating can be composted and recycled. Packages coated with the material are called Ecopack. The product range for catering clients includes a system for keeping foodstuffs warm called Comple, popular in service homes for the elderly in Finland. Euran Consumer Products has 60 employees and a turnover of about FIM90m.
SO: B

00006
PI: 20203061 JA: 0202
TI: Moulds and boxes for bakery products and other food
AU: Anon
JN: Pakkaus $IS=0031-0131

CI: vol. 36, no. 9, Sept. 2001, p 64 (K, P)
CT: BAKERY PRODUCT/ BOX/ FOOD PACKAGE/ NEW PACK/ OVENABLE BOARD/
CN: Euran Kuluttajatuotteet Oy
AB: Euran Kuluttajatuotteet Oy in Finland has produced special printed packages with and without windows called Eurabake for bakery products. The firm's range of products also includes Comple, baking forms made of board for foodstuffs. The new baking forms are of size 500ml and 750ml. The material is odourless and tasteless, suitable for temperatures up to 220 deg C, both oven and microwave. They are suitable for freezing and are biodegradable or recyclable when no longer required. (Short article)
SO: B

00007
PI: 20203064 JA: 0202
TI: A and R Carton: visibility with board packages
AU: Anon
JN: Pakkaus $IS=0031-0131
CI: vol. 36, no. 9, Sept. 2001, p 91 (K, P)
CT: BEVERAGE/ BOX/ COMPANY INFORMATION/ FOOD PACKAGE/ NEW PACK/
CN: A and R Carton
AB: The upcider 4 pack cider package was made for Hartwall by A and R Carton, Finland. The material used is metallic board of 360gsm and polyethylene terephthalate (PET), which make the package more sturdy and gives it a clear identity. Four plastic bottles are light and easy to carry. They are packed on a packaging line also supplied by A and R Carton which is part of a European group of businesses and with production units in nine countries. The company also manufactures Primepac board cartons and pressed board and aluminium forms.
SO: B

00008
PI: 20203066 JA: 0202
TI: Stora Enso and UPM-Kymmene developed coating technology for bioplastics
AU: Anon
JN: Pakkaus $IS=0031-0131
CI: vol. 36, no. 10, Oct. 2001, p. 8 (K, P)
CT: BARRIER COATING/ BIODEGRADABILITY/ COATED BOARD/ FOOD PACKAGE/ NEW PACK/ PAPER CUP/ PLASTIC COATED PAPER/ PLASTICS/
CN: Stora Enso; UPM-Kymmene
AB: Research into barrier coatings for paper and board products by Stora Enso and UPM-Kymmene has introduced biodegradable plastics to the world markets. While having excellent coating properties these materials decompose within six months after their primary use. First trial runs have been done with cold and hot liquid cups, ice cream packaging and packaging for the fast food sector. The high price of polylactic acid (PLA) is a limitation, but legislation is expected to promote the development and widespread use of biodegradable eco-products. Decomposition is assessed by standards such as EN 13432 and DIN 54900 according to which 90% of the packaging should be decomposed within six months after use.
SO: B

00009
PI: 20203271 JA: 0202
TI: Low grammage kraftliner as a substitute for testliner in production of packaging
AU: Motylewski M
JN: Przegl. Papier. $IS=
CI: vol. 57, no. 8, Sept. 2001, pp 474-478 (C, K, P, S)
CT: BOARD PROPERTIES/ FOOD PACKAGING BOARD/ KRAFT LINERBOARD/ PACKAGING MATERIAL/ TESTLINER/
AB: The use of low grammage kraftliner as a replacement for testliner in packaging material production has little effect on short span compression test (SCT), edge compression test (ECT) and box compression test (BCT) results. It will however lead to higher resistance to changes in conditions, reduction of overall grammage, lower glue consumption, cost savings and better visual appearance of the board. The product is suitable for use in the food industry. (12 fig, 5 ref)
SO: B

00010
PI: 20203625 JA: 0202
TI: “Tweak” case packing, get 12% higher output
AU: Anon
JN: Food Drug Packag. $IS=1085-2077
CI: vol. 65, no. 10, Oct. 2001, p. 67 (P)
CT: CASE PACKING/ COMPANY INFORMATION/ CORRUGATED CASE/ COST SAVING/
CN: Stegner Food Products
AB: By making a few minor adjustments suggested by Inland Paperboard and Packaging, its corrugated case supplier, Stegner Food Products were able to increase the speed of its packaging lines and save USD50,000 annually in labour costs. Stegner packages chili, pastas, soups and desserts under its own label and copacks for food marketers such as Beech-Nut, Heinz, ConAgra and the US Military. The increase in packaging line speed applied to one of its main product lines, microwaveable bowls and the evaluation exercise focused on how to get more out of its wraparound case packer. Stegner’s criteria were not to spend a lot of money and avoid a complete case redesign. Inland Paperboard and Packaging made three suggestions: a slight redesign of the die-cut on the corrugated case changing from a perforation to a wave rule score, adding a bar to the Brenton Engineering wraparound case packer which helped break the score and prevented boxes from falling into the machinery, and changing the direction of the flutes by 90 deg to take better advantage of the corrugated case’s structure and allow 15% greater stacking strength. The line speed was increased by 12% to 285 bowls/min. (1 fig)
SO: B

00011
PI: 20203873 JA: 0203
TI: Food and food contact: the Italian guideline from 27 March 2001
AU: Anon
JN: Ind. Carta $IS=0019-7548

CI: vol. 39, no. 4, June 2001, pp 7-10 (C, K, S)
CT: FOOD CONTACT/ FOOD PACKAGING BOARD/ FOOD PACKAGING PAPER/ GUIDELINE/
AB: The Italian Health Authority has recently outlined plans in a guideline from March 2001 regarding the subject of materials that come into direct contact with food. The underlying message is that under no circumstances should any material which comes into direct contact with food, should damage the food or modify its properties in any way. In terms of carton packaging, containers produced from recycled fibres must only be used for dry food products. Producers will be subjected to tighter controls and will be encouraged to produce documented evidence to specify which materials have been used for the various food packaging. As for recycled materials, the law is even more limiting as recycled plastics cannot come into direct contact with food. If plastic is to be used then it must be separated by any material which acts as a barrier. Recycled cartons can only be used in direct contact with food if fibre cellulose is used. Alternatively, wood can only be used for fruit and vegetables and not for frozen fish since the water dispersion caused can damage the fish if in direct contact with wood packaging.
SO: B

00012
PI: 20203900 JA: 0203
TI: Pack test: loss minimisation warranty
AU: Mercante Savastano R
JN: Papel $IS=
CI: vol. 62, no. 4, Apr. 2001, pp 82-83 (C, K, S)
CT: BOARD CONTAINER/ COMPRESSION STRENGTH/ COMPRESSION TEST/ PACKAGE/ TEST METHOD/
AB: In order to match a particular box to a product, is important to estimate how resistant the box is not only in terms of being able to hold its contents without deforming, but also in terms of how many boxes can be stacked for storage or palletising. Many companies have their own climatised box testing laboratory, but for those companies who do not, ABPO, the Brazilian Association of Corrugated Board offers this service at a 50% discount to its members. Of the various tests available the most important one is the compression test, which is based on the number of layers, height, width, column and thickness. (1 fig)
SO: B

00013
PI: 20203908 JA: 0203
TI: Column and dimensions tests: secret of good performance results of corrugated paper boxes
AU: Mercante Savastano
JN: Papel $IS=
CI: vol. 62, no. 5, May 2001, pp 68-69 (C, K, S)
CT: COLUMN TEST/ COMPRESSION STRENGTH/ CORRUGATED BOX/ DIMENSION/ PERFORMANCE/ STACKING/ TEST METHOD/
AB: The resistance of a packaging material is not only due to its thickness, but also to the composition of its materials. In the case of cardboard boxes the quality of the corrugated paper is of great importance to its resistance. The Brazilian Association of Corru-

gated Paper (ABPO), Sao Paulo, has a laboratory equipped to conduct tests of packaging resistance, such as the compression resistance test and the column test. The latter is undertaken with the use of special equipment and the testing is achieved indirectly through the use of proofs of precise internal dimensions.
SO: B

00014
PI: 20204032 JA: 0203
TI: Inside corrugated board: the basics of protective packaging
AU: Anon
JN: Flexo $IS=10517324
CI: vol. 26, no. 10, Oct. 2001, pp 30-33 (K)
CT: CORRUGATED BOARD/ CORRUGATING MEDIUM/ CUSHIONING/ LINERBOARD/ MOTTLE/
AB: Corrugated board comprises a medium, typically made of shorter hardwood fibre from the sulphite process faced with a liner made from natural kraft pulp. The liner can have a wet finish comprising a coating of starch applied before calendering or a dry uncalendered finish. Corrugated board is made as single face, used for wrapping fragile items, double face comprising a fluted medium between two sheets of liner and the stronger and stiffer double wall and triple wall configurations. Most combined board defects can be classified as flute integrity, caliper, washboarding, blank size or warped board. To optimise flexographic printing a corrugated substrate should have a minimum caliper of 38lb/1,000 sq ft, a smooth flat highly calendered finish with no dust or loose fibres, a good quality medium of flute B-N of solid bleached sulphite or clay coated and flat caliper correct sheetsof controlled moisture content. The two principal box constructions are slotted cartons used as shipping containers and die-cut blanks and containers.
SO: B

00015
PI: 20204109 JA: 0203
TI: Functional corrugated container: waterproof, damp-protective corrugated container
AU: Nishiyauchi T
CI: 2001 (68th) Pulp and paper research conference, Tokyo, Japan, 18-19 June 2001, pp 108-111, <Tokyo, Japan: Japan TAPPI, 2001, 180pp> (P)
CT: CONFERENCE/ CORRUGATED CONTAINER/ DEMAND/ NEW MATERIAL/ RECYCLABLE MATERIAL/ RESIN/ WATER PROOF MATERIAL/
CN: Japan TAPPI
AB: Largely due to its recyclability, demand for corrugated containers has increased as companies focus on compliance with the Japanese Container and Packaging Recycling Law. Ordinary corrugated containers do not offer good water resistance but wax impregnated or polyethylene (PE) laminated containers produced to overcome such problems are not suitable for recycling. New waterproof corrugated containers and recyclable corrugated containers offering damp protection have been developed using water dispersive resins. (2 fig, 2 tab, 2 ref)
SO: B

00016

PI: 20204163 JA: 0203
TI: Standard for packaging
AU: Anon
JN: Nonwovens Rep. Int. $IS=
CI: no. 368, Nov. 2001, p. 26 (P)
CT: NEW PRODUCT/ NONWOVEN INDUSTRY/ PACKAGING/
CN: DuPont
AB: Tyvek Supra by DuPont is being used in patent pending Freight Glove, a freight packaging alternative to plastic wrapping. DuPont's nonwovens business unit is giving manufacturing and marketing support to the Freight Glove Co, NY, USA. Tyvek offers excellent puncture and tear resistance, protecting against water, chemicals and mildew. Freight Glove products are reusable up to 20 times, reducing costs and waste. DuPont believes the product could become a new standard for air and ground freight packaging. (Short article)
SO: B

00017
PI: 20204760 JA: 0203
TI: Paper tray rivals plastic
AU: Anon
JN: Packag. Mag. $IS=0267-6117
CI: vol. 4, no. 21, 1 Nov. 2001, p. 22 (P)
CT: FOOD CONTACT/ FOOD PACKAGING BOARD/ NEW PACK/ NEW PRODUCT/ RECYCLABLE MATERIAL/ TRAY/
CN: A and R Carton; Cryovac; Multivac
AB: A and R Carton, Cryovac Sealed Air and Multivac Sepp Hagenmuller have jointly developed, Primetray, a film lined paper tray for foodstuffs such as meat, poultry and pasta as an alternative to plastic trays. The tray is formed from two separate cartonboard blanks, the first without a heatseal coating produces the base and two thirds of the wall height. The second blank produces the top of the wall plus the flanges for the lid and is made from a lightly heat seal coated board. The tray blanks are hot pressed together with a lining film. The food contact film liner can be peeled off, allowing the paper and plastic components to be recycled separately. The new tray is said to be suitable for meat, poultry, pasta and similar convenience foods. (Short article)
SO: B

00018
PI: 20205015 JA: 0203
TI: Coating material made of bioplastic gives interesting possibilities
AU: Anon
JN: Recycling $IS=1400-1225
CI: no. 7, Nov. 2001, p. 13 (K, P, S)
CT: BARRIER COATING/ BIODEGRADABILITY/ COATED BOARD/ FOOD PACKAGE/ INNOVATION/ PLASTICS/
CN: Stora Enso; UPM-Kymmene
AB: Stora Enso and UPM-Kymmene have developed a method to adhere a biodegradable polymer to board material, enabling mass production of a new barrier coated packaging material. The new packaging material is fully degraded within six months and

meets the requirements for EN13432 and DIN54900. The new innovation is of special interest to the fast food sector. Test products have included mugs for warm and cold drinks, ice-cream packaging, and lids. Biodegradable polymer coating is technically efficient and offers unique environmental advantages, with the packaging material being degraded into biomass and carbon dioxide. The only problem is the high price of polyactic acid (PLA), but Stora Enso Packaging Board are convinced that the price will decrease with increasing production volumes. The greatest challenge is now to market the new innovation. (Short article)
SO: B

00019
PI: 20205346 JA: 0203
TI: Building towards theory in packaging logistics
AU: Sjostrom K
CI: Packaging logistics review. Research papers for the international symposium, Arhus, Denmark, 14 June 2000, pp 101-106 <Econpap Publications vol. 1, Helsinki, Finland: Econpap, 2000, 106pp, Euro50.00 (ISBN 9519855602)> (K)
CT: CONFERENCE/ COST/ LOGISTICS/ PACKAGING/ TRANSPORT/
CN: Econpap
AB: Considerable research has been spent in identifying elements that have an important role in packaging logistics and to formulate structures or other sorts of systems to function as a useful conceptual framework to handle these diverse phenomena. Recently, package handling in logistical operations has appeared to be the central target for frameworks and a structure of parameters has been formulated that impact on performance of packaging in logistics. A conceptual model for spatial logistics, designed mainly for comparison between products has also been proposed. Many of these frameworks provide little more than checklists and the need to have more powerful tools has been understood. The end of life issue appears to be a considerable topic for the packaging logistics profession, and management and coordination of flows and storages as a paradigm could be a useful basis for theory in EOL logistics. Design for logistics also applies to packages and research and design contributions to integrate product development and packaging for logistics can be expected. (1 fig, 27 ref)
SO: B

00020
PI: 20205354 JA: 0203
TI: Packaging logistics review. Research papers for the international symposium, Arhus, Denmark, 14 June 2000
AU: Sjostrom K; editor
CI: Econpap Publications vol. 1, Helsinki, Finland: Econpap, 2000, 106pp, Euro50.00 (ISBN 9519855602) (K, P)
CT: CONFERENCE/ ECONOMICS/ ENVIRONMENTAL EFFECT/ FUTURE/ HANDLING/ LOGISTICS/ MEASUREMENT/ PACKAGE/ PACKAGING/ PACKAGING WASTE/ RECYCLABILITY/ TRANSPORT/
CN: Econpap
AB: The objectives of this international symposium on packaging logistics were to support and to initiate creative, original thinking; dissemination of research results; exchange of knowledge and ideas; networking; researcher cooperation; joint projects;

holistic, world-wide, chain-long perspectives to the topics. The symposium was intended to provide a platform to identify possibilities to formulate or establish common grounds for theories and concepts for packaging logistics, as well as discuss knowledge limits and research gaps in packaging logistics.
SO: B