



MRSA replicates every 20 minutes and can survive on surfaces up to 38 weeks – but it can be stopped without being made them resistant. The silver-based additives in Biomaster can be included in plastic bed frames and door handles as well as being applied to textiles, wall paint and other wall coverings. And paper.

ADDITIVES THAT FIGHT BACK AGAINST MRSA

– now available in SteriKraft products

The world is being hit by multi-resistant bacteria – but they can be stopped. British based Addmaster's range of antimicrobial additives has a proven effect on MRSA and some fifty other virulent bacteria. The additives, named Biomaster, are now available in Billerud's packaging paper.

Biomaster has a proven effect on superbugs such as MRSA, as well as E-coli or Salmonella and has been tested on more than 50 bacteria in over 2,000 independent tests. Biomaster can be used on all kinds of surface materials.

"Cleanliness is extremely important when it comes to stopping the bacteria. But keeping clean is not always enough. MRSA bacteria can survive on surfaces up to 38 weeks so if an infected hand touches a clean surface the infection can spread further," says Paul Morris, Managing Director of Addmaster, which has launched more than 1,000 products, many of which are now industry standards.

DOES NOT LEAD TO RESISTANCE

The secret behind the Biomaster solution is silver – a metal with proven antimicrobial properties.

Silver ions are released on demand and bond to the bacteria's enzymes and cell membranes inhibiting growth and

replication. The silver ions do not kill the cell which could lead to a mutation developing resistance – they only stop it from forming new cells.

"The resistance we see worldwide comes from overuse of antibiotics, where we have used bacteria to fight bacteria. This has made a few of them stronger, extremely difficult to treat and life threatening. But our Biomaster solution provides a safe and effective method to fight them back", says Paul Morris.

AVAILABLE IN STERIKRAFT

Billerud can now incorporate Biomasters' additives in its Sterikraft medical packaging papers.

"Naturally, we want to do everything we can to prevent these superbugs from spreading and assist in their elimination. We are now extremely pleased to be able to offer our products treated with Biomaster," says Steven Blacow, Sales and Marketing Director at Billerud. ■



Paul Morris,
MD of Addmaster

MRSA – Meticillin Resistant Staphylococcus Aureus

- Resistant to antibiotics and bacteria
- Often takes the form of difficult-to-treat wound infections
- Many carriers are unaware that they have been infected
- Number of deaths within Europe – minimum 25 000 /year
- World-wide – estimated figures 2 to 52 million

Source: EARSS, The European Antimicrobial Resistance Surveillance System

STERIKRAFT S

New cost-effective Medical Kraft Paper from Billerud

With optimised porosity and strength, Billerud can now present a cost-effective paper specially designed for steam sterilisation. It offers excellent runability and very good barrier properties. Sterikraft S is one of the best papers on the market, but at a lower cost.

SteriKraft S is the cost-effective alternative, perfectly adapted to the tough demands of autoclaving. Despite competitive pricing, Billerud has not compromised on quality.

"SteriKraft S satisfies all the strength and product safety demands made on medical paper, and is particularly suited to PVA and cold sealing coating applications", says Anna Boman, Technical Support Manager at Billerud's mill in Skärblacka, Sweden.

INCREASED EVENNESS

"The paper has excellent sheet formation with even fibre distribution and low pore size, which ensure bacterial barrier properties", says Anna Boman.

She promises excellent sterilisation performance. Despite the fact that the pores are small, Sterikraft S allows the steam to pass easily through.

With this paper, Billerud aims to reach out to the world market and offers price-sensitive regions a very high-quality paper.

"With SteriKraft S, we can also offer an alternative for less demanding packaging solutions, which will complement our other products", says Anna Boman. ■

FACT SteriKraft S

MG Kraft Paper
Suitable for direct heat seal, cold seal and PVA coating applications
Certified in accordance with ISO 11607-1, EN 868-3 and 868-6
High strength
Excellent barrier properties
Available in grammage 60 gsm