

SPTek GARD™

ANTI-MICROBIAL ADDITIVE

Controls pathogens including E. coli and Salmonella

- Anti-microbial proven highly effective against MRSA, Salmonella, Listeria, E. coli and dozens of common, dangerous organisms
- New silver ion based technology
- PE, PP, PS, PET, etc. compatible
- Minimal inclusion in finished film production process
- Extensive independent testing—proven reliability
- FDA approved
- JIS Z 2801 certified
- EPA approved: No. 73148
- Resin carrier
- 100% recyclable

SMALL CHANGES THAT MAKE BIG DIFFERENCES™

SmartPlastic additives are inserted into the production process in very small percentages along with other standard ingredients.

The resulting "Smart Plastic" is changing industries, positively impacting the environment and making a difference in people's lives.

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BIO-ASSIMILATION

GARD™
ANTI-MICROBIAL

LIQUID ANTI-MICROBIAL

ANTI-FUNGAL

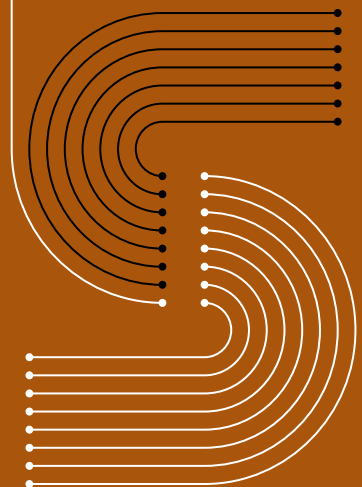
OXYGEN SCAVENGER

ODOR ELIMINATOR

GAUGE REDUCTION

BIO-BASED CaCO₃

ANTI-COUNTERFEIT



SPTek GARD™ ANTI-MICROBIAL ADDITIVE

Applications

- Furniture, toys, medical equipment, sports equipment, pet food packaging, clothing
- Food packaging: meat, cheese, fresh produce, dairy products, etc.
- SPTek GARD included in SmartPlastic reusable SPORTS bottle

Benefits

- Works in and on all polymers
- Up to '5-log reduction' anti-microbial protection (99.999%)
- Masterbatch format: ease of inclusion, low inclusion rate
- Long lasting (decades)
- Effective against major health threats: listeria, E. coli, staphylococcus and many 'gram-positive' and 'gram-negative' organisms



Rethinking the challenges and potential of plastic

Transforming plastics into responsible formats that reduce litter, decrease illness, combat crime, and help leading manufacturers better serve consumers and improve sustainability.

We are proud to be an American company.
WWW.SPTWEB.COM

Preferred Partners

**MARUBENI SPECIALTY
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