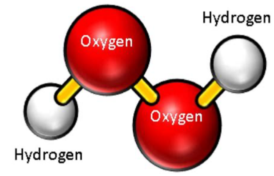
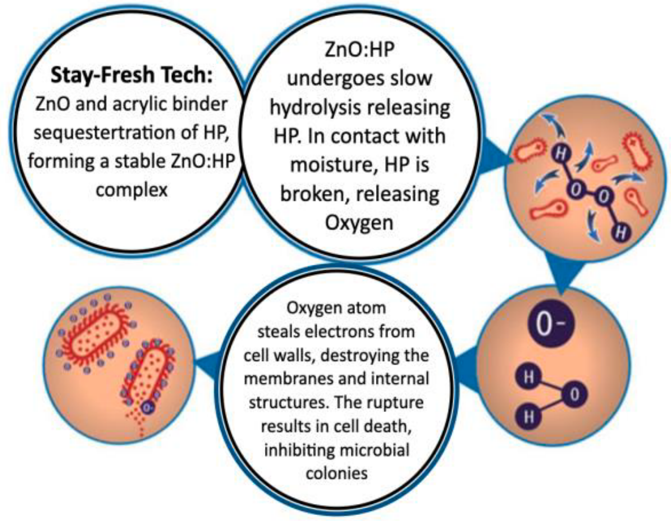
Stay Fresh Antimicrobial Additive

Powered by Hydrogen Peroxide





Sustainable: Hydrogen Peroxide (HP) has a great environmental profile because the only degradation products are **water and oxygen**

Effective against

MRSA	***A.niger (black mold)***
VRE	***Trychophyton (athletes foot)***
E. coli	***Penicillium***
Pseudomonas	***Candida spp***
Listeria	***Staph. species***

Eco-friendly Antimicrobial: *Stay Fresh* Additive

- Safe – no toxic chemistries
- Low-cost ingredients
- Easy to manufacture and add into paints and coatings with no special equipment needed
- Covered by multiple patents
- Cleared by FDA for wound care products
- Registered with EPA as an antimicrobial
- Available for license

Stay Fresh vs. commercial paint products	log reduction, vs. MRSA, overnight exposure unwashed	log reduction vs. *E. coli.* overnight exposure unwashed	log reduction, vs. *E coli.* overnight exposure, 20x washed	log reduction, vs. *E coli.* 4h exposure, 20x washed
Paint with silver based antimicrobial	>6 log kill	>6 log kill	>6 log kill	0.75
Paint with $Ca(OH)_2$ active agent	3.3	>6 log kill	2.4	Not tested
Paint with quaternary active	>6 log kill	>6 log kill	No Reduction	Not tested
***Stay Fresh* in paint**	**>6 log kill**	**>6 log kill**	**>6 log kill**	**>6 log kill (2h)**

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