

# COVAL BIOACTIVATE FB COAT

## VIRUS PROTECTION WITH ANTIMICROBIAL ADDITIVE

### Product Description

**Coval BioActivate FB Coat** is created with the most effective antimicrobial additive on the market with its superior ability to destroy microbes despite dust or debris. BioActivate FB contains PHMB which works by 'Electrostatic Destruction'. The positively charged PHMB polymers will break down microbials without requiring actual contact between the microbial and the coating. Think of it as an invisible force field

### Product Features

- *Actively Kills Viruses*
- *EPA Approved Antimicrobial*
- *Kill Microbial Without Physical Contact*
- *UV Marker Assurance*



### Uses

**Coval BioActivate FB Coat** repels liquids, prevents stains and performs superbly on furniture, carpet, rugs, upholstery, curtains, pillows, outdoor furniture, clothing, and coveralls. Frequently used in industries including Commercial Real Estate, Schools, Cars/Rental, Gyms, Hospitals, Churches and Physicians' Waiting Rooms

### Application

**Coval BioActivate FB** works effectively with application using fogging, misting, spraying or directly applying with a sponge while wearing gloves

- Non-Toxic, CA Approved, Hospital Grade
- Safe to use
- Environmentally Friendly
- Does not stain, streak or bleach surface



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### Current Client

Menil Art Museum, Houston TX



Virus	Diseases	Type		Structure	Test Conditions (type of test, diluent, interfering substances, contact time, temp.)	Effective PHMB 20% Conc. (%)
Influenza Hong Kong Virus	Flu	Orthomyxoviridae	Lipophilic	Enveloped, RNA	Surface test, SDW, 10% albumin, 10min contact time, RT	0.15% <sup>(1)</sup>
Herpes Simplex Type 1 Virus	Herpes	Herpesviridae	Lipophilic	Enveloped, DNA	Surface test, SDW, 10% albumin, 10min contact time, RT	0.15% <sup>(1)</sup>
Vaccinia Virus	Smallpox	Poxviridae	Partial lipophilic	Naked, DNA	Surface test, SDW, 10% albumin, 10min contact time, RT	0.15% <sup>(1)</sup>
Rotavirus	Gastroenteritis	Reoviridae	Partial lipophilic (capsomeric lipophilicity)	Naked, RNA	Suspension test, SDW, 0.03% albumin, 5min contact time, RT	0.1% <sup>(2)</sup>
Avian Infectious Laryngotracheitis Virus	Laryngotracheitis	Herpesviridae	Lipophilic	Enveloped, DNA	Suspension test, phosphoric acid buffer, 15min contact time, RT	0.01% <sup>(3)</sup>
Avian Herpes Virus	Mareks Disease	Herpesviridae	Lipophilic	Enveloped, DNA	Suspension test, phosphoric acid buffer, 15min contact time, RT	0.01% <sup>(3)</sup>
Fowl pox Virus	Fowl pox	Poxviridae	Partial lipophilic	Naked, DNA	Suspension test, SDW, 15min contact time, RT	0.04% <sup>(3)</sup>
Transmissible Gastroenteritis of Swine Virus	Gastroenteritis	Coronaviridae	Lipophilic	Enveloped, RNA	Suspension test, phosphoric acid buffer, 3hour contact time, RT	0.04% <sup>(3)</sup>
Foot & Mouth Disease Virus	Foot & Mouth Disease	Picornaviridae	Hydrophilic	Naked, RNA	Suspension test, WHO hard water, 1% serum, 30min contact time, 4 C	1% <sup>(4)</sup>
Feline Coronavirus	Feline Infectious Peritonitis	Coronaviridae	Lipophilic	Enveloped, RNA	Suspension test, SDW, 2hour contact time, RT	0.2% <sup>(5)</sup>
Feline Calicivirus (Norovirus surrogate)	Gastroenteritis	Caliciviridae	Partial lipophilic	Naked, RNA	Surface test, SDW, 0.06% serum, 5min contact time, RT	0.1% <sup>(6)</sup>
Canine Parvovirus	Parvoviral Enteritis	Parvoviridae	Hydrophilic	Naked, DNA	Suspension test, SDW, 0.06% serum, 15 min contact time, RT	0.2% <sup>(7)</sup>
Pathogenic Avian Influenza Virus (H7N1)	Avian Influenza	Orthomyxoviridae	Lipophilic	Enveloped, RNA	Suspension test, hard water, 0.3% BA & 1% BA + 1% YE, 30 min contact time, 10 C	2% <sup>(8)</sup>
Highly Pathogenic Avian Influenza Virus (H5N1)	Avian Influenza	Orthomyxoviridae	Lipophilic	Enveloped, RNA	Suspension test, hard water, 5% chicken serum, 10 min contact time, RT	3% <sup>(9)</sup>