



Antimicrobial Copper For **LIFE!**

Aereus Technologies Inc.
45 Lewis Road
Guelph, ON N1H 1E9
Canada
www.aereustech.com

CUVERRO SHIELD™

by Aereus Technologies

Product Specifications & Attributes

PRODUCT CUVERRO SHIELD™ by AEREUS TECHNOLOGIES

Description	Antimicrobial Copper Solid Sanitizer Surface																		
Product Name	CuVerro I Antimicrobial Copper Alloy – EPA Reg. No. 85353-1, Health Canada PMRA Registration No. 31963 Pest Control Products Act																		
Synonyms	Antimicrobial Copper Alloys Group V, UNS Designations: C71520, C75200, C75700																		
Product Use	Antimicrobial Agent / Bactericidal Agent																		
Compositions	<table border="1"><thead><tr><th>CAS Number</th><th>Components</th><th>% By Weight</th></tr></thead><tbody><tr><td>7740-50-8</td><td>Copper</td><td>63.1 – 69.8</td></tr><tr><td>7740-02-0</td><td>Nickel</td><td>1.0 – 33.0</td></tr><tr><td>7740-66-6</td><td>Zinc</td><td>0.0 – 24.4</td></tr><tr><td>7439-96-5</td><td>Manganese</td><td>0.0 – 2.5</td></tr><tr><td>7439-89-6</td><td>Iron</td><td>0.0 – 2.3</td></tr></tbody></table>	CAS Number	Components	% By Weight	7740-50-8	Copper	63.1 – 69.8	7740-02-0	Nickel	1.0 – 33.0	7740-66-6	Zinc	0.0 – 24.4	7439-96-5	Manganese	0.0 – 2.5	7439-89-6	Iron	0.0 – 2.3
CAS Number	Components	% By Weight																	
7740-50-8	Copper	63.1 – 69.8																	
7740-02-0	Nickel	1.0 – 33.0																	
7740-66-6	Zinc	0.0 – 24.4																	
7439-96-5	Manganese	0.0 – 2.5																	
7439-89-6	Iron	0.0 – 2.3																	
Physical State	Solid Surface Layer																		
Application Method	Patented Thermal Fabrication																		
Minimum Thickness	0.004" (≈100 μm)																		
Efficacy Lifespan	Permanent																		
Colour	White Gold																		
Finishes	Raw Unpolished, Hand-Polished, Vibratory or Machine-Polished																		

PRODUCT IMAGES

