HaloMist™ Disinfectant

Material Compatibility Study Recommendations

Material	Compatibility	Comments
Aluminium 5251/H22 sheet	Good	possible slight surface oxidation/discoloration
Aluminium Alloy Niploy Coated	Good	
Aluminium Bronze	Good	
Anodized Aluminium 30 microns	Good	
Brass sheet	Poor	potential for severe surface tarnishing if unprotected
Copper sheet	Poor	potential for surface change if unprotected
Mild steel	Do not use	potential localized corrosion
Stainless steel	Excellent	possible slight surface discoloration
Brushed painted mild steel	Poor	potential for blistering of painted surface
Epoxy painted mild steel	Good	
Galvanized steel	Good	
Polyester powder coated aluminium	Excellent	
Stove enamel painted mild steel	Good	possible surface change from repeated cycles
ABS Plastic	Excellent	
Acrovyn	Excellent	
Glass Reinforced Plastic (GRP)	Good	possible gas absorbtion in glass fiber side
Machinable Nylube PBC	Good	possible surface texturing and discoloration
Neoprene	Good	possible slight surface powdering
Nylon	Fair	
Perspex	Good	
Polypropylene	Good	
Polyethylene	Good	should not be used for long term exposure
PTFE	Excellent	
PVC	Excellent	rigid form; soft form will absorb and outgas slowly
PVC Foam	Good	possible outgassing
Silicone rubber seal	Excellent	
Torlon	Excellent	
Viton	Excellent	

Other items / assemblies

Desmopan timing drive belt	Excellent	possible slight surface discoloration
Door-closer	Excellent	possible surface discoloration of components
Ceramic tiles	Excellent	
Computer system with monitor	Excellent	systems should be left powered on
Linear bearing	Excellent	possible discoloration of lubricant
Rubber floor tiles	Excellent	
Window frame (double glazed)	Excellent	
Carpeting	Good	possible long term effect on nylon carpets

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