

1 PRODUCT

1.1 FUNCTION

Applied protective coating for stainless steel surfaces to reduce maintenance and cleaning, and reduce tea staining.

1.2 DESCRIPTION

EnduroShield for Stainless Steel uses advanced nano technology to give an invisible protective shield that chemically reacts with the surface to produce a long lasting bond.

The hydrophobic and oleophobic nature of the EnduroShield coating repels both water and oil containing grime making cleaning easier and less regular. EnduroShield unlike straight silicone coatings protects against both oil and water based contaminants not just water based.

1.3 ATTRIBUTES

- Works on new or existing stainless steel surfaces (balustrades, fixtures, facades, kitchen appliances, support poles etc)
- Creates a protective barrier that makes cleaning and maintenance easier and quicker
- Assists in reducing both corrosion and tea staining
- Coating is UV stable
- Fingerprints are easier to remove
- Australian Made Product

1.4 Material Composition

Entity	CAS No.	Proportion %	TWA mg/m ³	STEL mg/m ³
Isopropanol	67-63-0	>60	983	1230
Other non hazardous ingredients	Secret	to 100	Not Set	Not Set

This is a commercial product whose exact ratio of components may vary.

2 PRODUCT NAME AND SUPPLIER

2.1 Name of Product

EnduroShield for Stainless Steel.

2.2 Product Manufacturer

PCT Global Pty Ltd
3/21 Bearing Road
Seven Hills NSW
+61 (2) 8847 3072

2.3 Product Supplier

Origen Australia
+61 (2) 9674 9299
www.enduroshield.com

3 PERFORMANCE

3.1 Permanency

Chemically reacts with the surface to produce a long lasting bond.

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3.4 Weather and UV

EnduroShield for Stainless Steel has been cycled through 1000 cycles of washing by a mild detergent and water solution with minimal or no change in performance. It's resistance to UV show similar results to EnduroShield for Glass which has been exposed to approximately 10,000 hours with minimal or no change to it properties.

3.5 Adhesion to Substrate

EnduroShield is not a traditional coating that sits on the surface, but chemically bonds, becoming an extension to the surface.

4 APPLICATION

4.1 Application Method

Applied in factory or institu on site by trained, approved and certified applicator.

4.2 Rate of Application

Minimum 16ml per/m² per coat*

*two coats are required for exterior surfaces, one for interior.

4.3 Applied Thickness

Less than 1 micron

4.4 Approved Application

Product must be applied by an applicator trained, approved and certified by PCT Global Pty Ltd.

5 WARRANTY

5.1 Warranty

None given.