

PRODUCT TECHNICAL DATA SHEET



PDS No: 9040

Product Details

Product Code: 55101
Product Name: Container Coat White
Other Name(s): Waterborne container coating

Description

A direct to metal shipping container coating that forms hard, impact resistant films with high water, salt spray and mineral spirit resistance. Has anti-corrosive properties and superior adhesion to new galvanized iron. Excellent adhesion to galvanized metal and bare iron/steel. Can be used on wood.

Uses

May be used on suitably prepared:

- Aluminium
- Galvanized Iron
- Zincalume
- Wood

Features and Benefits

- Quick dry time, and early water and block resistance
- Excellent durability and gloss retention
- Exceptional intercoat adhesion
- Excellent flexibility
- Resists dirt pick up
- Suitable for potable water
- 100% acrylic polymer composition.
- Excellent adhesion to galvanized iron, bare iron/steel.
- Low Odor.
- Good water resistance.
- Resistance to "flash" rusting corrosion and very good block resistance.
- Excellent UV and weathering resistance.

Limitations and Precautions

- Should not be applied if temperatures are below 5°C
- Dry time may be impeded if the relative humidity is high

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Physical Properties

Resin Type	Styrene / Acrylic Emulsion
Pigmentation	Titanium Dioxide and Inert Extenders
Colour	White and APCO Colour World colours or Custom Colours
Gloss at 60° head	2 -6%
Specific Gravity(Kg/Ltr)	1.2 – 1.3
Coverage (m²/Ltr)	12 - 14
No. of coats	1 – 2 Coats (as required)
Dry Times(at 20°C and 60%RH)*	1 hour (touch dry)
*(cooler temperatures, higher film thickness and higher humidity can extend the drying time)	
Recoat time	2 hrs
Flash Point	Not applicable
Packaging Sizes	10L,4L
Thinner and cleanup	Water
Theoretical VOC(g/Ltr)	25

Surface Preparation

Ensure surfaces are free from loose or flaky paint. Wash surfaces with Bio Wash. Wash prior to painting to remove oil, grease, dirt, mould and other contaminants. Remove all dirt, dust, grease, mould or any other form of contamination from the surface.

Fill cracks and imperfections with a suitable filler and spot prime

Previously painted surfaces should be sanded(180-20 grit sandpaper)to remove loose or flaking paint and to reduce the previous film to a flat finish.

Undercoat Requirements

None

Application and Process

Container Coating White may be applied by synthetic brush, roller or spray.

Airless Spray - a 415 or 417 tip is recommended for weatherboards and smooth surfaces, and a 517 tip is recommended for textured surfaces, followed by back-rolling.

Weatherboards - pre primed

- Apply 2 coats of Container Coating White, allowing 2 hours between coats

New Timber

- Apply 1 coat of Aquaprep or Container Coating White, allowing 2 hours before recoating

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- Apply 2 coats of Container Coating White, allowing 2 hours between coats

Repaints

- Sand existing paint work and spot prime bare wood with Aquaprep or Container Coating White
- Apply 2 coats of Container Coating White, allowing 2 hours between coats

Health and Safety

- Please refer to Safety Data Sheet before use
- Use in well ventilated areas

First Aid:

- Eyes and Skin irritation – Wash with large amounts of fresh running water
- If swallowed – drink 2-3 glasses of water and seek appropriate medical advice.
- Inhalation-In case of exposure to high vapour concentration leading to dizziness,nausea,headache ,move the person to fresh air environment and consult a doctor

Container Coating White is a water reducible non toxic coating. It is non flammable and requires no specific handling. We recommend the use of a barrier cream for hands when applying.

Transport	:	Not Applicable
Class	:	Not Applicable
Hazchem	:	Not Applicable

Storage

Avoid freezing or temperatures in excess of 50°C
Self Life 12 Months

Spillage and Disposal

Use rags or sawdust to contain any spill and then dispose of through a commercial waste disposal organisation.

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*Please refer to the updated versions of Safety data sheet(SDS) and Technical Data sheet (TDS) before using any **APCO** Product.*

KEEP OUT OF REACH OF CHILDREN

APCO Coatings (NZ) Limited

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