

# PRODUCT DATA SHEET



PDS No:4010

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## Product Details

**Product Code:** DG5101, DG5102  
**Product Name:** Touchwood Polyurethane Clear  
**Other Name(s):** Touchwood Clear SemiGloss, Touchwood Clear Gloss

## Description

This is a premium quality single pack urethane modified alkyd clear finish, which enhances the beauty of wood. It is fast drying and offers excellent hardwearing finish. It is available in gloss and semi-gloss finish.

**Uses-**Dressed timber furniture, doors, veneers, wall-paneling etc.-**Only for interior use**

## Features and Benefits

- Easy application
- Excellent flow
- Enhances the grain and colour of timber

## Limitations and Precautions

- Not suitable as a floor finish
- Solvent odour during application
- Do not apply below 10°C or above 35°C
- Check the weather forecast. Do not apply if rain, heavy dew or a sudden drop in temperature is likely during application or during the first 12 hours after application
- **Do Not** apply if humidity is 85% or above
- **Touchwood** is a flammable product, keep away from heat and ignition sources, provide adequate ventilation during use
- A minimum of one week's curing is required to achieve the desired hardness and resistance

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### Physical Properties

<b>Resin Type</b>	Urethane modified alkyd
<b>Pigmentation</b>	Filler( in SemiGloss)
<b>Colour</b>	Clear
<b>Gloss at 60° head</b>	<b>Gloss-</b> 75-85%, <b>SemiGloss-</b> 20-50%
<b>Specific Gravity(Kg/Ltr)</b>	<b>Gloss:</b> 0.86-0.96, <b>SemiGloss:</b> 0.85-0.95
<b>Coverage (m<sup>2</sup>/Ltr)</b>	12-16
<b>No. of coats</b>	One/Two
<b>Dry Times(at 20°C and 60%RH)*</b>	<b>Touch Dry</b> -2 hrs
*(cooler temperatures, higher film thickness and higher humidity can extend the drying and subsequently the recoat time)	
<b>Recoat time</b>	16 hrs
<b>Flash Point</b>	36°C
<b>Packaging Sizes</b>	4L, 1L
<b>Thinner and cleanup</b>	<b>Mineral Turpentine.</b> Designed for undiluted application but can be thinned (see sections below for details and thinning may be required depending on weather conditions)
<b>Theoretical VOC(g/Ltr)</b>	Not available

### Surface Preparation

Remove all wax, grease and other contaminants by cleaning with mineral turpentine. Sand the surface with 220 grit sandpaper uniformly along the grain marks and dust off. Fill the surface imperfections like nail holes, cracks etc by suitable filler. Sand smooth the surface and dust off.

### Undercoat Requirements

Not applicable

### Application and Process

Stir the contents thoroughly before and during use.

Apply using a Brush, Roller or Spray. Please use the method best suited to your requirement and skill. The quality of finish may depend on type of wood and it's absorption characteristics apart from method of application.

- Applying by brush- use upto 5% thinner
- Applying by spray- Use upto 10% thinner

On new surfaces, apply one or two coats of **Touchwood Polyurethane Clear** after 20% dilution to seal the surface. For very soft and porous timbers, two sealer coats may be required. For hard timbers the sealer coat will require at least 20% thinning to affect better penetration.

Sand the surface lightly after a minimum of 16 hours, to obtain a smooth finish. Apply two further coats of **Touchwood Polyurethane Clear** in desired finish with minimum 16 hours recoating interval.

On a previously varnished surface, apply one or two coats of Touchwood clear after suitable surface preparation.

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## For Best Results

- Use recommended amount of thinner

## Health and Safety

- Please refer to Safety Data Sheet **(4009)** 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

## Storage

Store in cool, well ventilated areas away from direct sunlight.Keep containers tightly sealed.

## Spillage and Disposal

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

*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**

Ph. (09) 2733 041. Fax. (09) 2733 045. Physical Add. 14 Ron Driver Place, East Tamaki, Auckland 2013

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