

TECHNICAL DATA SHEET FOR

**NIPPON WOODGUARD**

<b>DESCRIPTION</b>	:	Nippon WoodGuard is an air-drying type of polyurethane which does not require any addition of hardener. It dries quickly to a glossy, durable finish while enhancing the character of the natural grains of wood. With its enhanced UV protection property and flexibility, the varnish protects timber surfaces from the damaging effects of UV rays, making it ideal for exterior deck and outdoor furniture
<b>TYPE</b>	:	One pack solvent-based polyurethane modified alkyd paint for interior and exterior use
<b>COLOUR</b>	:	Transparent colours as per colour card
<b>FINISH</b>	:	Gloss
<b>USES</b>	:	Suitable for all types of new wood surfaces and those previously painted with a transparent wood film such as stair railing, fences, door, frame, furniture, parquet flooring and deck etc
<b>FEATURES</b>	:	<ul style="list-style-type: none"> <li>• Excellent UV and weather resistance</li> <li>• Excellent water repellency</li> <li>• Excellent dirt resistance</li> <li>• Flexible finish</li> <li>• Desirable scratch hardness</li> <li>• Excellent flow and leveling</li> <li>• Good resistance to fungus and mould</li> <li>• Easy to apply</li> </ul>

**APPLICATION DATA**

<b>METHOD</b>	:	Brush
<b>THEORETICAL COVERAGE</b>	:	Approximately 10 to 15 m <sup>2</sup> /litre, depending on surface porosity
<b>DILUTION</b>	:	Ready for use, if necessary, dilution of not more than 5% with Nippon General Purpose Thinner
<b>SURFACE PREPARATION</b>	:	<ul style="list-style-type: none"> <li>• <b>New or unpainted wood surfaces :</b> <ol style="list-style-type: none"> <li>a) Surface must be clean, dry and free from grease, paint, wax, dirt and other contaminants before painting</li> <li>b) Clean off mould, algae, lichen and moss with a wire brush</li> <li>c) Smooth bare wood surface to be painted using grade #60 or #80 sandpaper, working in the direction of the grain before dusting off</li> </ol> </li> </ul>

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- d) If necessary, fill the wood grains with appropriate filler and smooth with sandpaper (grade #150 or #180)
- e) Wood must be relatively dry, moisture content should not exceed 12 % before painting
- f) Allow the paint to dry thoroughly before applying next coat
- g) Should fibre be observed, dry sand lightly before subsequent coat

Sanding between individual coats is necessary. Use grade #360 or #400 for sanding topcoat

- **Previously Painted Wood Surfaces :**

- a) If the previous paint film is in sound condition and without wax, smoothen it with sandpaper. Clean off and dry
- b) For old paint which is in sound condition and without wax, smoothen it with sandpaper. Clean off and dry
- c) Otherwise, remove all unstable paint film, dust, oil, wax and other foreign matters
- d) Particular care is necessary on previously waxed surfaces and thorough mechanical sanding is recommended to remove all wax. Presence of wax on substrates will affect the drying and adhesion of the paint coating

<b>DRYING TIME</b>	: Touch dry: 1 hour at 30°C
<b>OVERCOATING TIME</b>	: Minimum 4 hours under normal conditions
<b>RECOMMENDED PAINTING SYSTEM</b>	: 2 to 3 coats of Nippon WoodGuard until a satisfactory wood finish is obtained
<b>CLEANING</b>	: Wash all equipment with Nippon Bodelac 9000 General Purpose Reducer

**GENERAL INFORMATION**

<b>SOLID CONTENT</b>	: 50.0 ± 2% by weight (average, varies from colour to colour)
<b>SPECIFIC GRAVITY</b>	: 0.90 ± 2% kg/litre (average, varies from colour to colour)
<b>PACKING</b>	: 1 litre and 5 litres
<b>STORAGE</b>	: Store in a tightly sealed container in a cool, dry place
<b>SHELF LIFE</b>	: Up to 24 months in a tightly sealed container
<b>PRECAUTION</b>	: Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment

Refer to the product Safety Data Sheet for more information

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The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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