

Reference DPV	Revision No 2	Revision Date 31 October 2002	Printed 15 January 2008	Page 1 of 2
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WWW.RJSTOKES.CO.UK MANUFACTURERS OF INDUSTRIAL, DECORATIVE & POWDER COATINGS Est 1899
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Properties and Uses	<p>PROPERTIES Stokes Polyurethane Varnishes produce hard, pale, clear film on wood, metal, hardboard, plywood etc. Good resistance to water, alcohol, dilute acids and alkalis. Not readily scratched or scuffed. Fast drying enabling same day recoating. Available as either a gloss or matt finish.</p> <p>USES Excellent for furniture and floors. On bar and table tops, Stokes Polyurethane Varnishes prevent disfiguration by hot water and spilled drinks. Polyurethane varnishes are not recommended for exterior use. When tinted and thinned, can be used as a coloured varnish to varying depths of shade. See Finishing and Application sections below.</p>
Technical Data	<p>TYPE Polyurethane alkyd.</p> <p>DRYING TIME About 4 hours to BS3900 part C2 under normal conditions of temperature and humidity. Recoatable in 6 to 8 hours in normal drying conditions.</p> <p>THEORETICAL SPREADING CAPACITY Approx. 16 sq. metres per litre on smooth non-porous surfaces to achieve a dry film thickness of 25 microns (1 thou).</p> <p>FLASH POINT Between 21°C and 55°C. FLAMMABLE LIQUID.</p> <p>NON VOLATILE CONTENT By volume 40% nominal. By weight 48% nominal.</p> <p>THINNERS AND CLEANING SOLVENTS Stokes White Spirit Ref. TH010.</p> <p>HEAT RESISTANCE Up to 150°C but will yellow noticeably above 80°C.</p> <p>LEAD CONTENT Below 0.15%</p> <p>FINISHES AVAILABLE Gloss Ref. DV005 May be tinted to coloured varnish. Matt Ref. DV012</p>
Stock Container Sizes	0.25, 0.5, 1, 2.5 & 5 litre containers.
Processes	<p>The surface to be varnished should be clean, dry and free from polish, grease, dust, dirt, rust, peeling, loose material or any other contamination. Abrade to a smooth surface with fine wet abrasive paper. On new wood apply a first coat of varnish thinned with 10 to 15% of Stokes White Spirit Ref. TH010 and allow to dry.</p> <p>FINISHING</p> <p>1. Gloss. Apply three or more coats unthinned, with very fine light wet abrasion between each coat to obtain the best results.</p> <p>2. Matt. Apply gloss as above, to seal the wood and build up surface then apply one coat of matt polyurethane as final finish.</p> <p>3. Tinted Gloss Varnish. Apply one thinned coat to new wood. A second coat may be applied to build up the depth of shade desired. Once the shade has been achieved, only clear gloss or clear matt varnish should be applied to give extra durability.</p>

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Application	<p>BRUSH Supplied ready for use by brush.</p> <p>ROLLER Supplied ready for use by roller. Foam or mohair rollers are preferable to achieve a smoother finish.</p> <p>CONVENTIONAL SPRAY Thin as necessary with Stokes White Spirit Ref. TH010.</p> <p>AIRLESS SPRAY Thin if necessary with Stokes White Spirit Ref. TH010.</p> <p>ELECTROSTATIC SPRAY Adjust conductivity of paint if necessary with Stokes Thinner Ref. TH009.</p> <p>TINTED VARNISH Thin approximately 10% by volume with Stokes White Spirit Ref. TH010 and carefully apply by brush to achieve depth of shade in no more than two coats.</p>
Storage	<p>Use within 24 months of delivery. Keep in original containers until required for use. Partly used containers should be re-sealed securely and stored according to the recommended manner. (See section 7 of Stokes Material Safety Data Sheet Ref. DV).</p>
Health and Safety	<p>THIS MATERIAL IS FLAMMABLE. REFER TO STOKES MATERIAL SAFETY DATA SHEET REF. DV FOR FULL DETAILS OF FIRST AID, FIRE FIGHTING MEASURES, ACCIDENTAL RELEASE, HANDLING, EXPOSURE CONTROLS / PERSONAL PROTECTION AND DISPOSAL.</p>
Disclaimer	<p>The above information is for guidance only. It is given in good faith but without warranty. Users should first carry out their own trials to ascertain the suitability of the product for their intended purpose.</p> <p>This Data Sheet supercedes all previous Data Sheets supplied to you relating to this product. It contains important information which must be communicated to the user. The user must satisfy himself of the suitability of the product for the intended application and surface, as surface and application conditions are beyond the control of R.J.Stokes & Co Ltd. The user must also satisfy himself of the suitability of the product in circumstances other than those set out in this data sheet. The user should also maintain appropriate control procedures. Should further information be required, please contact our Technical Department.</p> <p>R.J.Stokes & Co. Ltd. employ a policy of continuous development and the technical data could be revised as a result of experience or new information becoming available.</p>