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DATA SHEET

Issue date: 01/05/09
 Last review date: 01/05/09
 Edition N°: 1
 Page: 1 of 2

POLURGREEN HR-01

Type of Polymer:	Aromatic isocyanurate with TDI content lower than 0,1%.																							
Range of use:	POLURGREEN HR-01 is recommended for the formulation of matt polyurethane sealers and topcoats for wood.																							
Specifications: (°) DATA SHOWN ON ANALYSIS CERTIFICATE	POLURGREEN HR-01																							
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Appearance</td> <td>Clear</td> <td></td> </tr> <tr> <td>Colour (Gardner 1953)</td> <td>1 MAX</td> <td style="text-align: right;">○</td> </tr> <tr> <td>% Solid content</td> <td>50 ± 2</td> <td style="text-align: right;">○</td> </tr> <tr> <td>Solvent</td> <td>Butyl Acetate</td> <td></td> </tr> <tr> <td>Viscosity (23 °C mPa*s)</td> <td>1050 ± 350</td> <td style="text-align: right;">○</td> </tr> <tr> <td>Viscosity (Gardner 25 °C)</td> <td>T-W</td> <td style="text-align: right;">○</td> </tr> <tr> <td>% NCO content</td> <td>7,9 ± 0,2</td> <td style="text-align: right;">○</td> </tr> <tr> <td>% Free TDI monomer</td> <td>< 0,1</td> <td style="text-align: right;">○</td> </tr> </table>	Appearance	Clear		Colour (Gardner 1953)	1 MAX	○	% Solid content	50 ± 2	○	Solvent	Butyl Acetate		Viscosity (23 °C mPa*s)	1050 ± 350	○	Viscosity (Gardner 25 °C)	T-W	○	% NCO content	7,9 ± 0,2	○	% Free TDI monomer	< 0,1
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Properties and application :	<p>Fast curing and limited yellowing are the main properties of POLURGREEN HR-01. POLURGREEN HR-01, blended with POLURGREEN AD-01, is suggested for two component coatings for sealers and high gloss, matt, clear and pigmented topcoats, when fast drying and high scratch resistance are requested.</p> <p>When it is used alone as hardener, we suggest accurately choosing the hydroxylated component, in order to avoid film tightening and short pot life. In order to avoid turbidity of solutions based on POLURGREEN HR-01 during storage, it is advisable to limit the use of aromatic solvents like Xylene and Toluene. However any turbidity does not affect the final application properties of the coatings.</p> <p>The free TDI content <0,1% reduces its hazard classification.</p>																							



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Storage and warranty:	In sealed drums we guarantee a storage life of six months, provided POLURGREEN HR-01 is stored under dry and cool condition. Once opened the product should be used rapidly, because like all isocyanates, it is sensible to moisture.
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The technical information provided in this sheet or given in oral or written form is based on our best knowledge and experience. These data, even technical and safety ones, are only suggestions, so they don't have to be considered as binding. The customer must test our products, technical assistance and information, to define to its satisfaction whether they are suitable for the intended use and application. The use, manufacture and the application conditions of our products are carried out beyond our control so they are under customer's responsibility. Sapici SpA guarantees the constant quality of the product, sales and delivery conditions.