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DATA SHEET

Issue date: 01/01/07
 Last review date: 12/03/10
 Edition N°: 1
 Page: 1 of 1

POLURGREEN 60T-01

Type of Polymer:	Aromatic isocyanurate obtained by the polymerization with TDI content under 0,1% .																																		
Range of use:	POLURGREEN 60T-01 is recommended for the formulation of pigmented and clear sealers, matt and gloss topcoats.																																		
Specifications: (*) DATA SHOWN ON ANALYSIS CERTIFICATE	<p style="text-align: center;">POLURGREEN 60T-01</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Appearance</td> <td>Clear</td> <td></td> </tr> <tr> <td>% NV</td> <td>60 ± 2</td> <td>°</td> </tr> <tr> <td>Solvent</td> <td>Butyl acetate</td> <td></td> </tr> <tr> <td>% Free TDI monomer</td> <td>< 0,1</td> <td>°</td> </tr> <tr> <td>% NCO</td> <td>9,7 ± 0,2</td> <td>°</td> </tr> <tr> <td>Viscosity (23°C mPa*s)</td> <td>1600 ± 400</td> <td>°</td> </tr> <tr> <td>Viscosity (Gardner)</td> <td>V - X</td> <td>°</td> </tr> <tr> <td>Colour (Gardner 1953)</td> <td>1 MAX</td> <td>°</td> </tr> </table> <p style="text-align: center;">SOLUBILITY:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">KETONES</td> <td>Soluble</td> </tr> <tr> <td>ESTERS</td> <td>Soluble</td> </tr> <tr> <td>ESTERS OF GLICOLETHERS</td> <td>Soluble</td> </tr> <tr> <td>AROMATICS</td> <td>Limited soluble</td> </tr> <tr> <td>ALIPHATICS</td> <td>Insoluble</td> </tr> </table> <p>It is inadvisable to use solvents containing reactive groups (alcohols, amines, glycolethers etc.) as they react with POLURGREEN 60T-01. It is recommended to use always urethane grade solvents (< 0,05% water).</p>	Appearance	Clear		% NV	60 ± 2	°	Solvent	Butyl acetate		% Free TDI monomer	< 0,1	°	% NCO	9,7 ± 0,2	°	Viscosity (23°C mPa*s)	1600 ± 400	°	Viscosity (Gardner)	V - X	°	Colour (Gardner 1953)	1 MAX	°	KETONES	Soluble	ESTERS	Soluble	ESTERS OF GLICOLETHERS	Soluble	AROMATICS	Limited soluble	ALIPHATICS	Insoluble
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<p>Properties and application :</p>	<p>The main characteristics of POLURGREEN 60T-01 are:</p> <ul style="list-style-type: none">- free TDI monomer content under 0,1%- high solid content- high flexibility- good compatibility with nitrocellulose- high compatibility with aromatic hydrocarbons <p>POLURGREEN 60T-01 is a very versatile polyisocyanate used for the formulation of polyurethane sealers and topcoats, also in combination with not much flexible resins.</p> <p>It is recommended for the formulation of matt and high gloss coatings in order to avoid bubbling, when fast drying, dust free and fast solvent release are required.</p> <p>POLURGREEN 60T-01 can be used for hardening highly thinned pigmented sealers, providing excellent flexibility of the film.</p> <p>The free TDI content <0,1% reduces its hazard classification.</p>
<p>Storage and warranty:</p>	<p>In sealed drums we guarantee a storage life of 6 months, provided POLURGREEN 60T-01 is stored under dry and cool conditions.</p> <p>Once opened the product should be used rapidly, because like all isocyanates, it is sensible to moisture.</p>

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.