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# DATA SHEET

Issue date: 01/12/07  
 Last review date: 23/02/11  
 Edition N°: 2  
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## POLURENE SB 50 AB

<b>Type of Polymer:</b>	Aromatic isocyanurate based on Toluendiisocyanate, <b>with low TDI content.</b>	
<b>Range of use:</b>	POLURENE SB50 AB is recommended for the formulation of PU sealers and matt and semigloss topcoat.	
<b>Specifications:</b>  (°) DATA SHOWN ON ANALYSIS CERTIFICATE	<b>POLURENE SB 50 AB</b>  % Solid content Solvent % free TDI monomer % NCO Vx (23c mPa*s) Vx (Gardner) Appearance Colour (Gardner 1953)	<b>50 ± 2</b> ° <b>Butyl acetate</b> ° <b>&lt; 0,5</b> ° <b>8,2 ± 0,2</b> ° <b>400 ± 200</b> ° <b>F-N</b> ° <b>Limpid</b> ° <b>1 MAX</b> °
<b>Properties and application :</b>	<b>SOLUBILITY:</b>  KETONES Soluble ESTERS Soluble ESTERS OF GLICOLETHERS Soluble AROMATICS Limited soluble ALIPHATICS Insoluble  It is inadvisable to use solvents containing reactive groups (alcohols, amines, glycolethers etc.) as they react with POLURENE SB 50 AB. It is recommended to use always urethane grade solvents (< 0,05% water).  POLURENE SB 50 AB in 2K PU systems yields longer pot life compared to other aromatic isocyanurates , like POLURENE HR.B or similar  Main characteristics od POLURENE SB 50 AB are <ul style="list-style-type: none"> <li>- High reactivity</li> <li>- Good flexibility</li> <li>- Resistance to thermic stress (cold check tests)</li> </ul> It is suggested to use POLURENE SB 50 AB for the formulation of under-reticulated coatings.	



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### POLURENE SB 50 AB

<b><i>Storage and warranty:</i></b>	In sealed drums we guarantee a storage life of six months, provided POLURENE SB 50 AB 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.