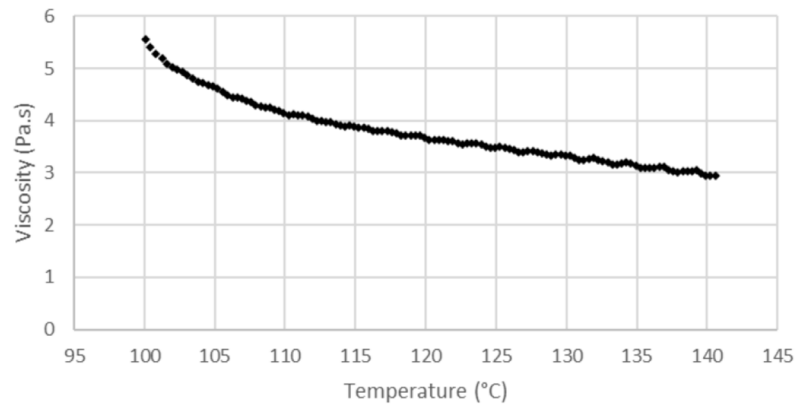
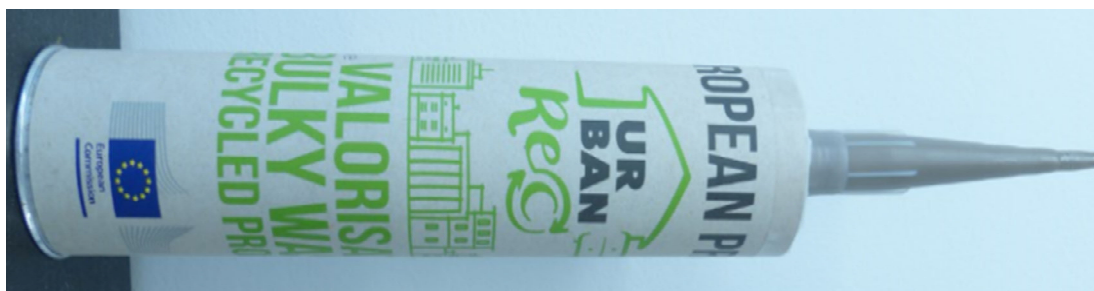


Datasheet for hot melt adhesives - RESCOLL

Rescoll UrbanRec PUR Hot Melt

Product Description	Moisture curing polyurethane hot melt adhesive for mattress foam assembly (long open time adhesive; isocyanate based prepolymer)																				
Physical properties	Nominal values																				
Appearance	Brown solid																				
Viscosity	<p style="text-align: center;">Viscosity = f(T)</p>  <table border="1"> <caption>Approximate data points from the Viscosity vs Temperature graph</caption> <thead> <tr> <th>Temperature (°C)</th> <th>Viscosity (Pa.s)</th> </tr> </thead> <tbody> <tr><td>100</td><td>5.5</td></tr> <tr><td>105</td><td>4.8</td></tr> <tr><td>110</td><td>4.2</td></tr> <tr><td>115</td><td>3.8</td></tr> <tr><td>120</td><td>3.6</td></tr> <tr><td>125</td><td>3.4</td></tr> <tr><td>130</td><td>3.2</td></tr> <tr><td>135</td><td>3.1</td></tr> <tr><td>140</td><td>3.0</td></tr> </tbody> </table>	Temperature (°C)	Viscosity (Pa.s)	100	5.5	105	4.8	110	4.2	115	3.8	120	3.6	125	3.4	130	3.2	135	3.1	140	3.0
Temperature (°C)	Viscosity (Pa.s)																				
100	5.5																				
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115	3.8																				
120	3.6																				
125	3.4																				
130	3.2																				
135	3.1																				
140	3.0																				
Mechanical properties	Nominal values																				
Shear stress on aluminium	ca 2.2 MPa (NF EN 1465)																				
Peeling strength on foam	not measurable (substrate failure)																				
Application temperature	ca 110 to 140°C																				
Company	RESCOLL www.rescoll.fr																				
Contact person	Jeremy Di-Tomaso Jeremy.ditomaso@rescoll.fr																				

Demonstrator: Rescoll UrbanRec PUR Hot Melt



Environmental performance of Rescoll UrbanRec PUR Hot Melt

In the analysis:

- the functional unit was 10 kg of packed Rescoll UrbanRec PUR Hot Melt adhesive
- the data on the production process was based on the RESCOLL data
- for the treatment of waste coming from technological processes, the data from the SimaPro database were used
- the benefits of recycling were taken into account
- the energy mix for Europe without Switzerland was used

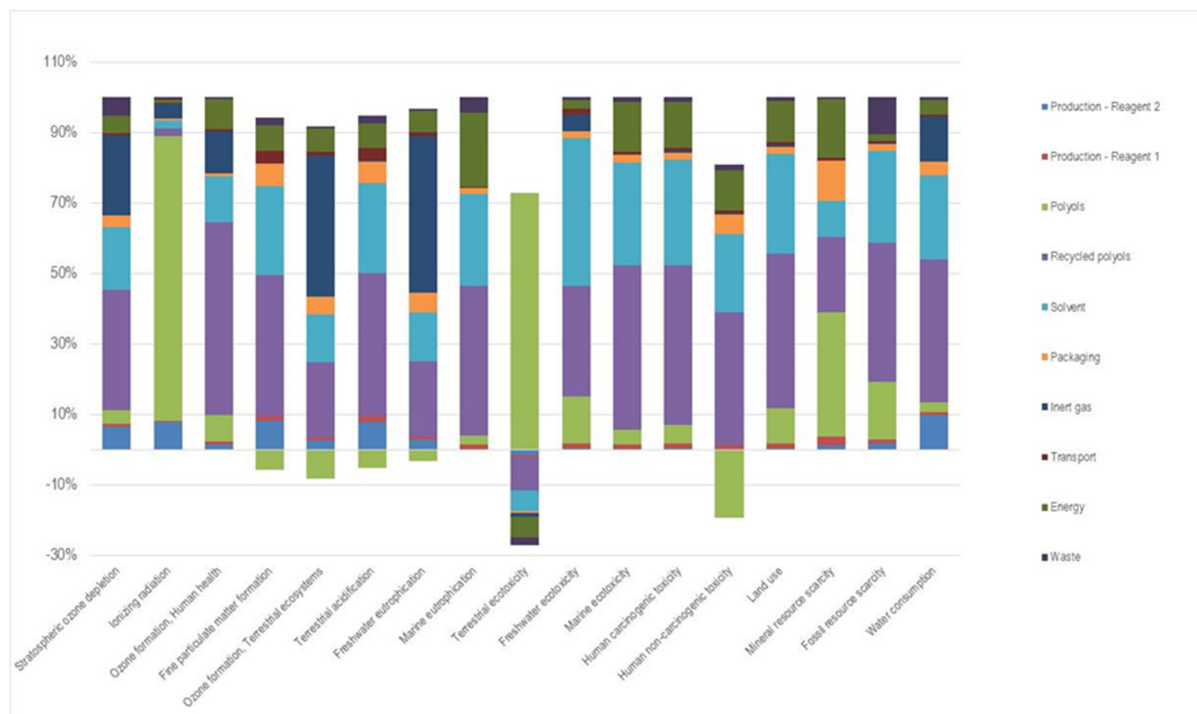


Figure. Results of LCA analysis for 10 kg Rescoll UrbanRec PUR Hot Melt