

# AUXILIARY AGENTS

Auxiliary agents for industrial coating compositions

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P8205

<b>AGENT FOR IMPROVING DRYING</b>	
<b>Composition</b>	Special fast drying resin.
<b>Use</b>	To improve drying and hardness of painting film.
<b>Procedure</b>	The agent is dosed in the amount of 5-15 wgt % of the coating composition.
<b>Density</b>	ca 900 kg/m <sup>3</sup>
<b>VOC</b>	0.52 kg/kg
Flammable liquid of II. hazard class (according ČSN 65 0201).	

P8206

<b>DRIER FOR OIL AND SYNTHETIC COATING COMPOSITIONS</b>	
<b>Composition</b>	Mixture of Co and Zr salts of 2-ethylhexane acid in dearomatized petrol fraction.
<b>Use</b>	To accelerate drying of air-drying synthetic and oil coating compositions
<b>Procedure</b>	The agent is dosed in the amount of 0.5-1 wgt % of the coating composition. It is recommended not to exceed the dosing!
<b>Density</b>	ca 1000 kg/m <sup>3</sup>
<b>VOC</b>	0.70 kg/kg
Flammable liquid of III. hazard class (according ČSN 65 0201).	

P8207

<b>CATALYST FOR TOP INDUSTRIAL TWO-COMPONENT POLYURETHANE ENAMEL TELPUR T300, GLOSS</b>	
<b>Composition</b>	Mixture of Zn salt of 2-ethylhexane acid in dearomatized petrol fraction.
<b>Use</b>	To accelerate reaction of TELPUR T300 mixture and TELHARD PUR hardener.
<b>Procedure</b>	<p><b>Adjusting P8207 dosing according to application conditions (amount, temperature):</b> Starting level of P8207 dosing is 0.25 % of the amount of toned non-hardened TELPUR T300 enamel at 20-23 °C and the amount of ca. 0.5-2 kg.</p> <p>Mix the agent in original package before use. While stirring, add weighted amount of mixed P8207 to weighted amount of toned TELPUR T300 enamel. Stir the mixture properly by mechanical mixer.</p> <p>After hardening by the TELHARD PUR hardener (standard hardening ratio for TELPUR T300) and diluting by the TELSOL PUR 3 solvent according to the actual application method, pot life of ca. 1 hour can be expected at 23 °C for the amount of hardened mixture of ca. 0.5-2 kg, accompanied by viscosity growth in course of the time, which shall be respected in the anticipated application time. After this time, wash the equipment thoroughly by a solvent containing butanol, e.g. BALTECH C6000, to kill the gelation reaction of PUR hardener and coating composition; otherwise, insoluble gel can form according to conditions, which could damage the application equipment. The equipment shall also be immediately washed by a solvent containing butanol (e.g. BALTECH C6000) if viscosity of the hardened mixture quickly increases due to incorrect dosing of P8207.</p> <p><b>Information for consumers:</b> On trial (in small amount), agent level can be increased to 0.5 % and up to 0.75 % of the amount of toned, non-hardened TELPUR T300 enamel (at higher temperature, the gelation time and therefore also the pot life rapidly shortens. Similarly, the gelation time decreases with growing amount of the hardened mixture).</p>
<b>Density</b>	ca 900 kg/m <sup>3</sup>
<b>VOC</b>	0.50 – 0.75 kg/kg
Flammable liquid of III. hazard class (according ČSN 65 0201).	

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**P8208**

<b>UV STABILIZER FOR SOLVENT COATING COMPOSITIONS</b>	
<b>Composition</b>	Mixture of active substances in organic solvents.
<b>Use</b>	To increase UV resistance of solvent coating compositions.
<b>Dosing</b>	P 8208 is dosed in the amount of 0.2 % to 0.5 wt % of the coating composition. Mix the agent in original package before use. While stirring, add weighted amount of mixed P 8208 to weighted amount of the coating composition. Stir the mixture properly.
<b>Density</b>	ca 860 kg/m <sup>3</sup>
<b>VOC</b>	0.99 kg/kg
Flammable liquid of II. hazard class (according ČSN 65 0201).	

**P8304**

<b>AGENT REDUCING SPECIFIC RESISTANCE</b>	
<b>Composition</b>	Solution of alkyl ammonium salt in organic solvent.
<b>Use</b>	Additive to coating compositions in case conductivity of coating compositions needs to be increased, especially for electrostatic application of coating compositions.
<b>Density</b>	ca 854 kg/m <sup>3</sup>
<b>VOC</b>	1,00 kg/kg
Flammable liquid of II. hazard class (according ČSN 65 0201).	

**P8701**

<b>MATTING PASTE</b>																																																		
<b>Composition</b>	Solution of matting agent in organic solvents.																																																	
<b>Use</b>	To matt air-drying synthetic coating compositions and some two-component polyurethane coating compositions.																																																	
<b>Dosing</b>	<table border="1"> <thead> <tr> <th rowspan="2">addition / wgt % /</th> <th colspan="4">level of matt for various products</th> </tr> <tr> <th>TELKYD S200</th> <th>TELKYD T300</th> <th>TELPUR S200</th> <th>TELPUR S210</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>45</td> <td>95</td> <td>25</td> <td>50</td> </tr> <tr> <td>2</td> <td>38</td> <td>92</td> <td>20</td> <td>40</td> </tr> <tr> <td>4</td> <td>32</td> <td>90</td> <td>15</td> <td>30</td> </tr> <tr> <td>6</td> <td>28</td> <td>88</td> <td>10</td> <td>25</td> </tr> <tr> <td>8</td> <td>23</td> <td>84</td> <td>8</td> <td>20</td> </tr> <tr> <td>10</td> <td>19</td> <td>77</td> <td>6</td> <td>15</td> </tr> <tr> <td>12</td> <td>15</td> <td>72</td> <td>5</td> <td>13</td> </tr> <tr> <td>15</td> <td>12</td> <td>65</td> <td>4</td> <td>10</td> </tr> </tbody> </table> <p>Matting paste is dosed in weight percents. For two-component coating compositions, the dosing is calculated for hardened mixture. Matting paste needs to be thoroughly stirred into the coating composition, best by an efficient mixture. / Values of the level of matt included in the table for each of the products are only informative; they are based on long-term measurements. /</p>	addition / wgt % /	level of matt for various products				TELKYD S200	TELKYD T300	TELPUR S200	TELPUR S210	0	45	95	25	50	2	38	92	20	40	4	32	90	15	30	6	28	88	10	25	8	23	84	8	20	10	19	77	6	15	12	15	72	5	13	15	12	65	4	10
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Flammable liquid of II. hazard class (according ČSN 65 0201).																																																		

## Handling

Read the instructions in the Safety Data Sheet before use and follow all safety instructions and regulations. The product contains organic solvents. Follow basic hygiene rules. Do not eat, drink or smoke while using this product. Avoid contact with eyes, skin or clothing. Wear protective gloves, eye protection, protective clothing. Ensure effective ventilation of the workplace.

## Storability

The product keeps the product qualities 12 months from production date in original closed container. To store in dry storage at the temperature 5 to 25 °C.

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**Disposal of  
packing and waste**

Hand over the used, properly empty packing at the collection point of the packing waste. Dispose the packing with the product rest at the place determined by the town for disposal of hazardous waste or hand over to the person authorized for hazardous waste disposal. Further see the product safety data sheet.

These data are only for information and their accuracy is influenced by the properties of individual materials and unpredictable factors during application. The user is responsible for correct use of the product according to the direction for use and for correct application of painting system, i.e. he must always evaluate all conditions of application, which could influence final quality of the top treatment. Therefore we always recommend to the user to carry out the test for actual working conditions and type of surface applied. Above mentioned data are data, which influence individual working conditions and therefore they do not establish a legal claim. It is necessary to consult information outside the terms of this catalogue sheet with the producer.

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