



Low  
Toxicity

Easy  
Application



## DMF Free & TOL Free Collection



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Toxicity



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**Anex DMF-Free & TOL-Free Collection**, developed by Anex Chemicals, helps you to produce more environment-friendly and less harmful coated materials. Thanks to developed special solvent system, using these PU resins and finishes can decrease toxicity in production area and also in final coated products.



# Product Range

## Easy Application

### Anex DMF-Free & TOL-Free Collection

includes different types of Polyurethane Resins, Finishes & Lacquers:

- Aliphatic Polyester PU Resins for Topcoat
- Aromatic Polyester PU Resins for Topcoat
- Aliphatic Polycarbonate PU Resins for Topcoat
- Aromatic Polycarbonate PU Resins for Topcoat
- Aromatic Polyether PU Resins for Adhesive
- Aromatic Polyester PU Resins for Adhesive
- Acrylic Resins for Topcoat
- Acrylic Finishes
- Special Finishes



### Aromatic Polyurethane Resins for TOPCOAT

Product Name	Description	Solid (%)	Modulus %100 (kg/cm <sup>2</sup> )	Viscosity (25°C - Pa.s)	Solvents	Properties
Puranex M 5080/30	Aromatic Polyester PU DMF-Free & TOL-Free	30 ±1	80	50-80	MEK/PMA	<b>Aromatic Polyester PU resin, medium soft type</b> , good anti-swelling properties, non-stick surface, medium modulus, strong PVC adhesion, good embossibility, deep and vivid colors, <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex M 5230/30	Aromatic Polyester PU DMF-Free & TOL-Free	30 ±1	230	50-80	MEK/PMA	<b>Aromatic Polyester PU resin, stiff type</b> , Good anti-swelling properties, hard abrasion resistance Non-stick surface, hard modulus, Strong PVC adhesion, Good embossibility, Deep and vivid colors. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex M 5070/35	Aromatic Polycarbonate PU DMF-Free & TOL-Free	35 ±1	70	60-90	MEK/PMA	<b>Aromatic Polycarbonate PU resin, medium soft type</b> , Superior elasticity, Superior mechanical properties, Nice touch feeling, Vivid colors, High temperature resistance, Non-sticky surface, Superior hydrolysis resistance, excellent chemical resistance. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex M 5030/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ±1	30 - 40	60 - 90	MEK/PMA	<b>Aromatic topcoat and skin coat PU resin, with following properties:</b> Soft touch, good elasticity, high mechanical properties, nice touch feeling, vivid colors, high temperature resistance, non-sticky surface, high hydrolysis resistance, good cold flexibility, PVC compatible. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex M 5028/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ±1	28	30 - 50	MEK/PMA	<b>Aromatic top skin polyurethane, with following properties:</b> Soft touch, Good alcohol resistance, Nice hand feeling. The product is used for top coating of PU or PVC based artificial leathers. <b>DOES NOT CONTAIN DMF or TOL</b>
Topcoat Polyurethanes for Technical Textiles						
Puranex M 5075/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ±1	50 - 80	60 - 80	MEK/PMA	<b>Aromatic Polyurethane Topcoat with following properties:</b> High mechanical properties, providing for excellent chemical resistance, high breathability effect for film. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex M 5070/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ±1	60 - 80	60 - 80	MEK/PMA	<b>Aromatic Polyurethane Topcoat with following properties:</b> High mechanical properties, providing for excellent chemical resistance, high breathability effect for film. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex M 5080/35	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	35 ±1	60-80	70-100	MEK/PMA	<b>Aromatic Polyester Topcoat PU</b> , excellent flexibility, very high mechanical properties <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex MC 5075/35	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	35 ±1	70-80	60-80	MEK/PMA	<b>Aromatic Polycarbonate Topcoat PU</b> , Medium hardness, Superior mechanical properties, Nice touch feeling, Vivid colors, Non-sticky surface, Superior hydrolysis resistance, excellent chemical resistance. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex AH 5018/40	Aromatic Polyether PU DMF-Free & TOL-Free	40 ±1	18	50-90	MEK/PMA	<b>Aromatic Polyether PU adhesive resin, soft type</b> , Good solvent resistance, Excellent hydrolysis resistance, Heavy metal free, <b>DOES NOT CONTAIN DMF or TOL</b>

## Aliphatic Polyurethane Resins for TOPCOAT

Product Name	Description	Solid (%)	Modulus %100 (kg/cm <sup>2</sup> )	Viscosity (25°C - Pa.s)	Solvents	Properties
Puranex L 5090/25	Aliphatic Polyurethane Topcoat <b>DMF-Free &amp; TOL-Free</b>	25±1	<b>90</b>	15-30	IPA/PMA	<b>Aliphatic Polyester Topcoat PU resin</b> , medium type, for general purpose. High yellowing resistance. Very good hydrolysis resistance. Particularly suggested for PVC. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex L 5230/25	Aliphatic Polyurethane Topcoat <b>DMF-Free &amp; TOL-Free</b>	25±1	<b>230</b>	15-30	IPA/PMA	<b>Aliphatic Polyester Topcoat PU resin, stiff type</b> , for general purpose. High yellowing resistance. Dry and slippery touch. Good abrasion resistance. High softening temperature. Particularly suggested for PVC. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex LC 5220/25	Aliphatic Polycarbonate PU <b>DMF-Free &amp; TOL-Free</b>	25 ± 1	<b>220</b>	15 - 30	IPA / PMA	<b>Aliphatic Polycarbonate Topcoat PU resin</b> , high yellowing resistance, alcohol fastness, dry and slippery touch, excellent hydrolysis resistance, excellent abrasion resistance, high softening temperature. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex L 5220/25	Aliphatic Polyurethane Topcoat <b>DMF-Free &amp; TOL-Free</b>	25 ± 1	<b>220</b>	15 - 30	IPA / PMA	<b>Stiff topcoat for footwear with the following properties:</b> High yellowing resistance, dry and slippery touch, very good hydrolysis resistance, good abrasion resistance, high softening temperature. Particularly suggested for PVC. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex LC 5090/25	Aliphatic Polycarbonate PU <b>DMF-Free &amp; TOL-Free</b>	25 ± 1	<b>90</b>	15 - 30	IPA/PMA	<b>Aliphatic Polycarbonate PU resin, medium soft type</b> , high yellowing resistance, alcohol fastness, excellent hydrolysis resistance, excellent abrasion resistance, high softening temperature. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex L 5120/25	Aliphatic Polyurethane Topcoat <b>DMF-Free &amp; TOL-Free</b>	25 ± 1	<b>120</b>	15 - 30	IPA/PMA	<b>Aliphatic Polyurethane PU resin</b> , high yellowing resistance very good hydrolysis resistance, suggested for PVC and PU/PVC. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex L 5040/30	Aliphatic Polyurethane for Glossy Effect for Injection Application <b>DMF-Free &amp; TOL-Free</b>	30+1	<b>50</b>	40 - 60	IPA/PMA	One component aliphatic polyurethane for glossy effect for injection application. Soft skin for clothing with the following properties: High yellowing resistance, very good hydrolysis resistance. Particularly suggested for PVC. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex LC 5042/25	Aliphatic Polycarbonate PU <b>DMF-Free &amp; TOL-Free</b>	25 ± 1	<b>45</b>	15 - 30	IPA/PMA	<b>Soft polycarbonate topcoat PU with the following properties:</b> High yellowing resistance, Alcohol fastness, Excellent hydrolysis resistance, Excellent abrasion resistance, High softening temperature. Particularly suggested for PVC. <b>DOES NOT CONTAIN DMF or TOL</b>
Puranex LS 5030/30	Aliphatic Polyurethane Topcoat <b>DMF-Free &amp; TOL-Free</b>	30 + 1	<b>30</b>	15 - 30	IPA/PMA	<b>One component aliphatic polyurethane PU resin</b> , perfect silky touch, high elongation degree, perfect effect for providing water pressure test. <b>DOES NOT CONTAIN DMF or TOL</b>





## Polyurethane Resins for ADHESIVE

Product Name	Description	Solid (%)	Modulus %100 (kg/cm <sup>2</sup> )	Viscosity (25°C - Pa.s)	Solvents	Properties
<b>Puranex A 5025/47</b>	Aromatic Polyester PU <b>DMF-Free &amp; TOL-Free</b>	47 ±1	<b>25</b>	80-120	PMA/MEK	<b>Aromatic Polyester PU adhesive resin, soft type</b> , good anti-swelling properties, low modulus, high temperature resistance, high solvent resistance, excellent PVC adhesion, wide range of application. <b>DOES NOT CONTAIN DMF or TOL.</b>
<b>Puranex A 5010/43</b>	Aromatic Polyester PU <b>DMF-Free &amp; TOL-Free</b>	43 ±1	<b>10</b>	50-80	PMA/MEK	<b>Aromatic Polyester PU adhesive resin, very soft type</b> , good anti-swelling properties, Low modulus, high solvent resistance, Excellent PVC adhesion, Wide Range of Application. <b>DOES NOT CONTAIN DMF or TOL.</b>
<b>Puranex LH 5030/40</b>	Aliphatic PU adhesive resin <b>DMF-Free &amp; TOL-Free</b>	40 ± 1	<b>20-30</b>	15 - 30	PM/IPA	<b>Aliphatic PU adhesive resin, low odorless properties</b> , low modulus, high temperature resistance, high solvent resistance, high hydrolysis resistance. The product is used for adhesive layer of PU based artificial leathers. <b>DOES NOT CONTAIN DMF or TOL.</b>
<b>Puranex M 5006/35</b>	Aromatic PU Adhesive Resin <b>DMF-Free &amp; TOL-Free</b>	35 ± 1	<b>6-10</b>	40-60	PMA/MEK	<b>Aromatic PU adhesive resin.</b> It is compatible with polyurethane and textile. High mechanical properties, perfect soft effect. <b>DOES NOT CONTAIN DMF or TOL.</b>

## Acrylic Resins for Topcoat, Acrylic Finishes and Special Finishes

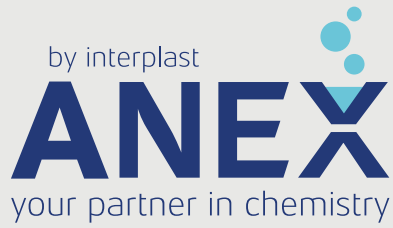
Product Name	Description	Solid (%)	Viscosity (25C - cps)	Solvents	Properties
Yangbuck Resins					
<b>CREANEX M 739 DMF FREE YANGBUCK</b>	New Flesher Yangbuck Resin	22±1	<b>3.000 - 5.000</b>	PM/TOL	<b>New Flesher Yangbuck resin</b> , strong fleshy real leather effect, good wet waxy hand touch feeling with strong deep leather scraps, very high hiding power, improved effect for best leather feeling.
<b>CREANEX M 731M DMF FREE</b>	New Flesher Yangbuck Resin	19±1	<b>1.500 - 4.000</b>	PM/TOL	<b>New Flesher Yangbuck resin</b> , strong fleshy real leather effect, good wet waxy hand touch feeling with strong deep leather scraps, very high hiding power, improved effect for best leather feeling.
<b>CREANEX M 1752 DMF FREE</b>	Medium Yangbuck Resin	28 ± 1	<b>5.000 - 20.000</b>	TOL/IPA	<b>Medium Yangbuck Resin with the following properties</b> ; high density, good soft waxy hand touch feeling. High hiding power, abrasion resistance. It can be embossed and can be applied on semi-Pu leather.
<b>CREANEX M 1752/A DMF FREE</b>	Medium Yangbuck Resin	34 ± 1	<b>5.000 - 20.000</b>	IPA/TOL	<b>Medium yangbuck resin</b> with the following properties; strong sheep nubuck effect, soft wet waxy hand touch feeling, high hiding power, can be embossed and can be applied on semi-Pu leather.
<b>CREANEX M 701 DMF FREE</b>	Soft Fine Yangbuck Resin	20±1	<b>1.000 - 4.500</b>	MEK	<b>New Fine Yangbuck resin</b> , strong real leather effect, good wet waxy hand touch feeling with strong fine leather scraps, very high hiding power, improved effect for best leather feeling.
<b>CREANEX M 1752 DMF TOL FREE</b>	Medium Yangbuck Resin	31 ± 1	<b>10.000 - 20.000</b>	PM/IPA	<b>Medium Yangbuck Resin</b> with the following properties; high density, good soft waxy hand touch feeling. High hiding power, abrasion resistance. It can be embossed. It can be applied on semi-Pu leather.
Acrylic Resins for Artificial Leather					
<b>LACANEX 505 DMF FREE</b>	Vinyl Acrylic Finishing <b>(DMF Free)</b>	20±1	<b>2.000 - 5.000</b>	MEK/TOL	<b>DMF Free Vinyl Acrylic finishing</b> for supermatt PVC use, preventing plasticizers migration, very good adhesion to PVC, hard gloss type surface, strong UV resistance, strong abrasion resistance, strong alcohol resistance.
<b>LACANEX 500 DMF-TOL FREE</b>	Gloss Vinyl Acrylic Lacquer <b>(DMF Free &amp; TOL-Free)</b>	22 ± 1	<b>300 - 600</b>	MEK/PM	<b>Vinyl Acrylic finishing</b> for PVC use, preventing plasticizers migration, very good adhesion to PVC, hard gloss type surface, strong UV resistance, strong abrasion resistance, strong alcohol resistance. <b>Does not contain DMF or TOLUENE.</b>
<b>LACANEX 330/25 M DMF FREE</b>	Supermatt Vinyl Acrylic Lacquer <b>(DMF Free)</b>	22±1	<b>1.000 - 5.000</b>	MEK/TOL	<b>DMF Free Acrylic finishing supermatt</b> for PVC use, preventing DOP migration, very good adhesion.
Acrylic Resin for Tarpaulin					
<b>LACANEX 809/18</b>	Acrylic Resin for Tarpaulin <b>DMF-Free &amp; TOL-Free</b>	18 ± 1	<b>200 - 500</b>	MEK/DAA	<b>It has very good adhesion for PVC substrat. It provides:</b> Hard glossy effect, slippery touch feeling, high abrasion resistance, preventing of plasticizer migration, improving dirt pickup resistance. Excellent anti-blocking properties. Particularly suggested for tarpaulin use.
Aliphatic Finish					
<b>CREANEX L 103 DMF FREE</b>	Aliphatic Matt Enjection <b>(DMF Free)</b>	17 ± 1	<b>200 - 1.500</b>	TOL/ PM / IPA	<b>DMF Free Aliphatic matt finish resin.</b> Special finish for strong adhesion with PU sole injection. PVC compatible, matt surface, excellent UV resistance.



## About Us

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**INTERPLAST KIMYA** has been one of the leading polyurethane, finish & pigment paste supplier in the synthetic leather market for more than **40 years**. Building on its strong presence in the market, Interplast started its own production in **2015** by investing in a modern and highly technological factory. In a short period of time, Interplast has become a leading actor in its region for coating markets



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