



DMF Free
& TOL Free
Collection



DMF-Free



TOL-Free



Low
Toxicity

Easy
Application

www.interplastkimya.com

Anex DMF-Free & TOL-Free Collection, developed by Anex Chemicals, helps you to produce more environment-friendly and less harmful coated materials.

by interplast
ANEX
your partner in chemistry

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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 ²)	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	Aromatic Polyester PU resin, medium soft type , good anti-swelling properties, non-stick surface, medium modulus, strong PVC adhesion, good embossibility, deep and vivid colors, DOES NOT CONTAIN DMF or TOL
Puranex M 5230/30	Aromatic Polyester PU DMF-Free & TOL-Free	30 ±1	230	50-80	MEK/PMA	Aromatic Polyester PU resin, stiff type , Good anti-swelling properties, hard abrasion resistance Non-stick surface, hard modulus, Strong PVC adhesion, Good embossibility, Deep and vivid colors. DOES NOT CONTAIN DMF or TOL
Puranex M 5070/35	Aromatic Polycarbonate PU DMF-Free & TOL-Free	35 ±1	70	60-90	MEK/PMA	Aromatic Polycarbonate PU resin, medium soft type , Superior elasticity, Superior mechanical properties, Nice touch feeling, Vivid colors, High temperature resistance, Non-sticky surface, Superior hydrolysis resistance, excellent chemical resistance. DOES NOT CONTAIN DMF or TOL
Puranex M 5030/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ± 1	30 - 40	60 - 90	MEK/PMA	Aromatic topcoat and skin coat PU resin, with following properties: 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. DOES NOT CONTAIN DMF or TOL
Puranex M 5028/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ± 1	28	30 - 50	MEK/PMA	Aromatic top skin polyurethane, with following properties: Soft touch, Good alcohol resistance, Nice hand feeling. The product is used for top coating of PU or PVC based artificial leathers. DOES NOT CONTAIN DMF or TOL

Topcoat Polyurethanes for Technical Textiles

Puranex TM 5070/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ± 1	60 - 80	60 - 80	MEK/PMA	Aromatic Polyurethane Topcoat with following properties: High mechanical properties, providing for excellent chemical resistance, high breathability effect for film. DOES NOT CONTAIN DMF or TOL
Puranex TM 5075/30	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	30 ± 1	50 - 80	60 - 80	MEK/PMA	Aromatic Polyurethane Topcoat with following properties: High mechanical properties, providing for excellent chemical resistance, high breathability effect for film. DOES NOT CONTAIN DMF or TOL
Puranex TAH 5018/40	Aromatic Polyether PU DMF-Free & TOL-Free	40 ±1	18	50-90	MEK/PMA	Aromatic Polyether PU adhesive resin, soft type , Good solvent resistance, Excellent hydrolysis resistance, Heavy metal free, DOES NOT CONTAIN DMF or TOL .
Puranex TM 5080/35	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	35 ± 1	60-80	70-100	MEK/PMA	Aromatic Polyester Topcoat PU , excellent flexibility, very high mechanical properties DOES NOT CONTAIN DMF or TOL
Puranex TMC 5075/35	Aromatic Polyurethane Topcoat DMF-Free & TOL-Free	35 ± 1	70-80	60-80	MEK/PMA	Aromatic Polycarbonate Topcoat PU , Medium hardness, Superior mechanical properties, Nice touch feeling, Vivid colors, Non-sticky surface, Superior hydrolysis resistance, excellent chemical resistance. DOES NOT CONTAIN DMF or TOL .

Aliphatic Polyurethane Resins for TOPCOAT

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



Polyurethane Resins for ADHESIVE

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

Acrylic Resins for Topcoat, Acrylic Finishes and Special Finishes

Product Name	Description	Solid (%)	Viscosity (25C - cps)	Solvents	Properties
Yangbuck Resins					
CREANEX M 739 DMF FREE YANGBUCK	New Flesher Yangbuck Resin	22±1	3.000 - 5.000	PM/TOL	New Flesher Yangbuck resin , 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.
CREANEX M 731M DMF FREE	New Flesher Yangbuck Resin	19±1	1.500 - 4.000	PM/TOL	New Flesher Yangbuck resin , 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.
CREANEX M 1752 DMF FREE	Medium Yangbuck Resin	28 ± 1	5.000 - 20.000	TOL/IPA	Medium Yangbuck Resin with the following properties ; 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.
CREANEX M 1752/A DMF FREE	Medium Yangbuck Resin	34 ± 1	5.000 - 20.000	IPA/TOL	Medium yangbuck resin 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.
CREANEX M 701 DMF FREE	Soft Fine Yangbuck Resin	20±1	1.000 - 4.500	MEK	New Fine Yangbuck resin , 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.
CREANEX M 1752 DMF TOL FREE	Medium Yangbuck Resin	31 ± 1	10.000 - 20.000	PM/IPA	Medium Yangbuck Resin 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					
LACANEX 505 DMF FREE	Vinyl Acrylic Finishing (DMF Free)	20±1	2.000 - 5.000	MEK/TOL	DMF Free Vinyl Acrylic finishing 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.
LACANEX 500 DMF-TOL FREE	Gloss Vinyl Acrylic Lacquer (DMF Free & TOL-Free)	22 ± 1	300 - 600	MEK/PM	Vinyl Acrylic finishing for PVC use, preventing plasticizers migration, very good adhesion to PVC, hard gloss type surface, strong UV resistance, strong abrasion resistance, strong alcohol resistance. Does not contain DMF or TOLUENE.
LACANEX 330/25 M DMF FREE	Supermatt Vinyl Acrylic Lacquer (DMF Free)	22±1	1.000 - 5.000	MEK/TOL	DMF Free Acrylic finishing supermatt for PVC use, preventing DOP migration, very good adhesion.
Acrylic Resin for Tarpaulin					
LACANEX 809/18	Acrylic Resin for Tarpaulin DMF-Free & TOL-Free	18 ± 1	200 - 500	MEK/DAA	It has very good adhesion for PVC substrat. It provides: 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					
CREANEX L 103 DMF FREE	Aliphatic Matt Enjection (DMF Free)	17 ± 1	200 - 1.500	TOL/PM /IPA	DMF Free Aliphatic matt finish resin. Special finish for strong adhesion with PU sole injection. PVC compatible, matt surface, excellent UV resistance.



About Us

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



by interplast
ANEX
your partner in chemistry

İTERPLAST KİMYA SAN. ve TİC. A.Ş.
Değirmenköy Fevzipaşa Mahallesi Erdoğan Sokak No:5
Silivri / İstanbul - TURKEY

T : +90 212 771 25 95
F : +90 212 771 32 87
M : info@interplastkimya.com