

ACTIONS SPEAK LOUDER THAN POLICIES:

BUILDING A FAMILY FRIENDLY ORGANIZATIONAL STRUCTURE

Policies alone do not create an organizational culture that is supportive of work-family balance; it takes the leaders of the organization conveying the underlying values that will create this kind of organizational culture. Although the organization may invest a large amount of resources into developing and implementing policies, the organization's efforts will not be nearly as effective if employees do not feel like their supervisor believes in these policies. Fully endorsing a family-friendly culture throughout the organization will be more effective in reducing conflicts and promoting job satisfaction and good physical and mental health for employees.

5th Annual Sales Conference:

By the Grace of God, we held our 5th Annual Sales Conference from 25th to 27th Jan., 2013 at Royalton Fsd. On 25th we had the Presentations on Different Topics and next two days we had a trip to Murree. Mr. Lasantha Peiris from Fujifilm Sericol has joined us on this occasion.

Tip of the month

Imagination is the most amazing part of a man's development. Through imagination, man will learn problem solving and dealing with situations that will face in life.

COMPLAINCES



- PVC free
- Lead & Phthalate free
- Heavy metal free
- Formaldehyde free
- AZO free
- APEO free
- GOTS Approved
- REACH approved

TECHNICAL NEWS

PHTHALATES

- Esters of Phthalic Acid
- Used as Plasticizers (substances added to plastics to increase their flexibility, transparency, durability, and longevity).
- They are used primarily to soften (PVC).

USES:

- Different types of phthalates, about 50 or so, and they can be found in many consumer products including: toys, adhesives, detergents, flooring, deodorant, shampoo, cosmetics.
- They are in the dashboard and console of your car
- In the coatings of the pills that you take for migraines.
- They are also present in paints, coatings and screen printing inks.

EXPOSURE TO ENVIRONMENT

- Phthalates are easily released into the environment because there is no covalent bond between the phthalates and plastics in which they are mixed.
- As plastics age and break down, the release of phthalates accelerates.

- Phthalates in the environment are subject to biodegradation, photodegradation, and anaerobic degradation;
- PVC flooring leads to higher concentrations of BBP and DEHP, which are more prevalent in dust.

EU REVIEW

The EU banned the use of 6 phthalate esters in toys and children's products that might be potentially placed in the mouth, at levels greater than 0.1% of the total object weight on January 16, 2007. The phthalates subject to this regulation are: (DEHP/DOP, DBP, BBP, DINP, DIDP, DNOP)

USA REVIEW

On August 14, 2008 the Consumer Product Safety Improvement Act (CPSIA) incorporated regulation of phthalate esters as components of children's toys and child care articles for children under the age of 12 that could be "placed in the mouth".

For CPSIA purposes, the following phthalates were permanently banned at levels greater than 0.1%:

DEHP/DOP, DBP, BBP

The CPSIA also imposed an interim ban on the use of the following phthalates at levels greater than 0.1% pending the results of further CPSC (Consumer Product Safety Commission) review:

DINP, DIDP, DNOP

Now the latest list of banned Phthalates are:

1-DEHP

2-DNOP

3-DIBP

4-DINP

5-DIDP

6-BBP

7-DBP

8-DEP

9-DIHP

10-DHNUP

11-DNHP

12-DMEP

Ink manufacturers should have available **quantitative test reports** for phthalate content, an **Eco-Passport Certificate**, including the related test reports. The Eco-Passport Certificate relates to tests carried out to the **Oeko-Tex 100 Standard** that is used in the textile industry, including screen-printing inks, to evaluate their suitability for the production of textiles optimized for the ecology.

COMPARISON



WATER BASED INKS

- It's relatively inexpensive
- Can be cleaned up with simple water
- It is dry on your screen
- This ink is susceptible to low heat
- This ink hand feel is very soft
- Thin film forming

PLASTISOL INKS

- It's relatively much expensive
- This ink is clean with specified cleaner
- It won't dry on your screen
- This ink is also susceptible to high heat
- It has not so soft feel
- Thick film forming

MARKET PERCEPTION

- No Hand Feel (Pigment Feel on dark garments)
- Bright coverage on Dark Garments
- Foil Print with excellent washing
- Multi Techniques used on the same print
- Special Effects like Photo print, glossy / matt metallic effects, thermo chromic effects, burn out, reflective inks, sublimation on cotton, Flocking (Direct & Transfer), Mirror Effect, etc., etc.
- Price Conscious

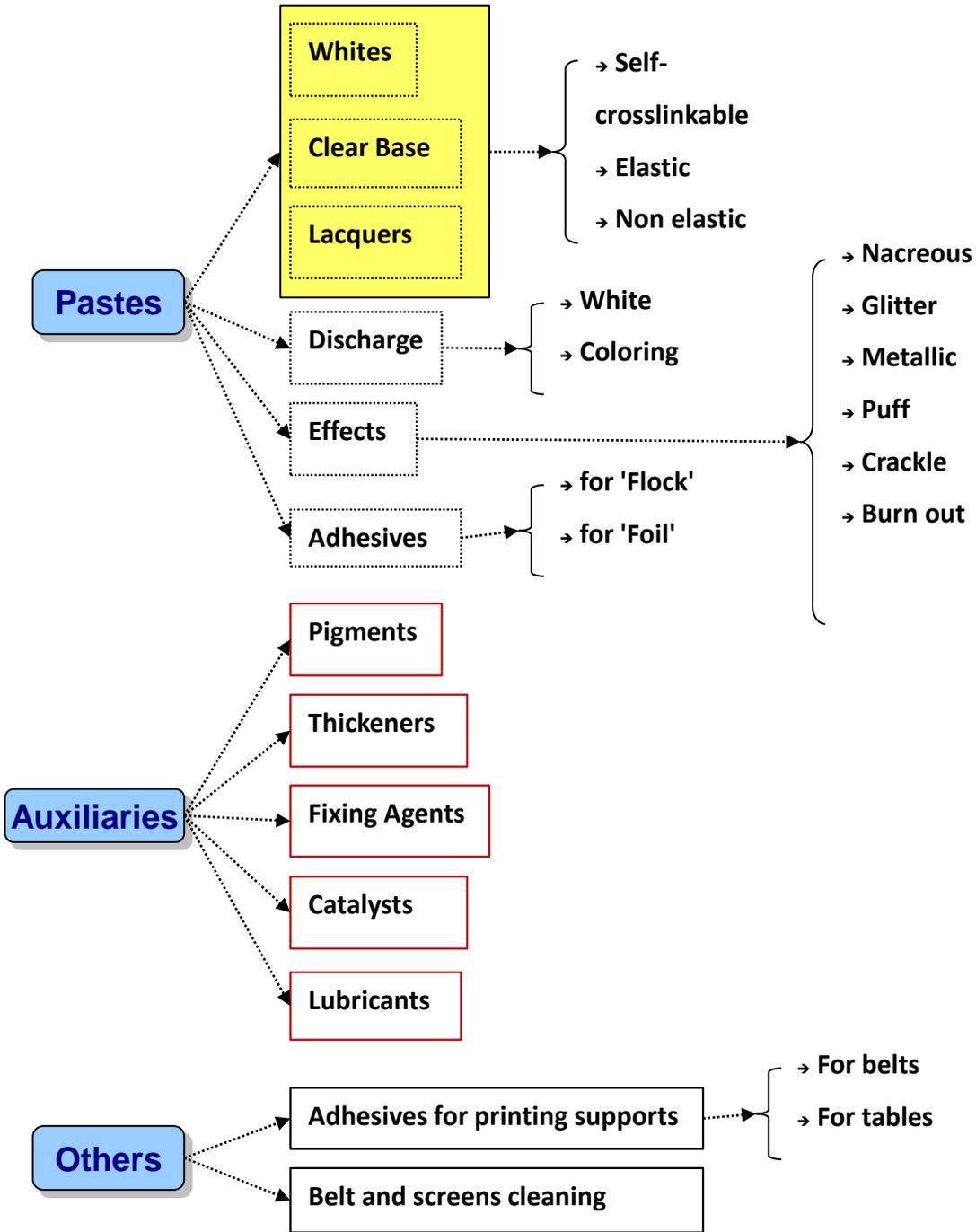
Abifor - Hot melt Powders

Applications for Heat Transfer Printing

Abifor	Chemical Description	Melting Range	Bonding Temperature
TP-601	Modified Co-Polyamide	110-120°C	120-150°C
TP-701	Modified Co-Polyester	110-120°C	120-145°C
TP-801	Modified Polyurethane	65-75°C	90-110°C
TP-802	Modified Polyurethane	115-130°C	125-150°C

CRESA

Water-based products for textile printing



Pioneer Ultra YC Series

Properties

Formulated on non PVC containing resins and non phthalate plasticizers. Lead-free. Good wet-on-wet printability and wash resistance. Unlimited screen stability.

Applications

Most knitted and woven fabrics typically used for T-shirts, Sweat Shirts, Sports and Fashion Wear, Badges, Hats and Caps, Travel, Bags, Footwear.

Curing

It is essential that the entire thickness of the ink film has time to reach the full cure temperature of 155°C to 165°C

Thinning

Supplied press-ready. High initial gel will break down after stirring/mixing. Up to 5% YC591 Thinner may be added if necessary.

Wash-Up

Wash up with SS639 Screen Wash Universal.

Mesh

Monofilament 34-100

Stencil Type

Most direct stencil materials are suitable. Recommended: Dirasol SuperTex or Dirasol 125

Coverage & Mesh No.

12-16m²/ltr. No 43 monofilament.

Intermixing and Compatibility with Other Inks

Pioneer Ultra YC colours can be mixed for immediate use with other plastisols, but only where PVC/phthalate content in the finished product is permissible.

IMPORTANT: Stir well before every use.

Users should satisfy themselves that Pioneer Ultra YC is compatible with specific textiles and that rub, stretch ability and other resistance properties are acceptable before commencing production runs.

FUJIFILM SERICOL

Important Note on PVC test method:

The test method which best identifies the presence of PVC is solvent extraction followed by FTIR spectroscopic analysis. Extraction using THF/CAN is the only reliable method: other solvent extraction methods can give erroneous results. The Beilstein flame test is not advised as it may falsely show a greenish flame for some colours thereby misleadingly indicating the presence of PVC. This is due to the nature of the pigment used, which may contain chlorine. The Beilstein test is only for chlorine. It can therefore only show if PVC is not present, by a negative result being obtained. A positive result will show that chlorine is present, but not where it comes from. It could then be confused with presence of PVC where none exists. Hence, we strongly recommended that testing for the presence of PVC is done only at a lab which uses the THF /ACN+ FTIR method for PVC analysis, such as Bureau Veritas International testing house..

SPECIAL NOTE:

It is essential that all the jobs are proofed prior to production to ensure wash fastness properties are acceptable. For better wash fastness it is recommended to add 10% to 30% of YC 381. Which will give good stretchability and wash fastness to the jobs that contain solid patches where coarse mesh/high ink deposits are used.

NEWS FROM PRINTEX



PRINTEX has owned the Screen Printing unit of "PRINTWELL" & aim to serve the Customers with High Quality Printing with Latest state of the Art Techniques .We will start the setup again by the end of February with new team. Assuring you of our BEST SERVICES.

Launching of Textstyles:

By the Grace of God, we announced that our Hosiery Brand "Textstyles" is going to launch properly in March 2013. We are introducing special finishes in Vests like **Fragrant Finish**.

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Announcement:

- Printex has applied for the ISO 9000 Certification.
- Printex is going to launch the Silicon Ink System.
- In 2nd Week of March , Mr. Gomez from Cresa will visit Pakistan.
- Mr.Asghar Ali Mirza from Lahore Office & Mr. Rashid Ijaz from Faisalabad office will go for Umra on Company Package this year.

