|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| new_logo   |  | | --- | |  | |  | |  | |  | | **PO Box 86  317 Vance St.** | | | |
|  |  | |  | |  | | **Forest City, NC 28043** | | | |
|  |  | |  | |  | | **Phone: 1-800-433-INKS** | | | |
|  |  | |  | |  | | **Fax: 828-247-0705** | | | |
|  |  | |  | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
|  | ***TECH-TALK*** | | |  |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| **PRODUCT NAME:** | Film SP Ink System | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| **DESCRIPTION:** | High Strength System with excellent adhesion to various Films that is | | | | | | | | | |
|  | designed to be overprinted or laminated. | | | | | |  | | |  |
|  |  | |  | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| **SUBSTRATES:** | Film, Foils, and Paper | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| **PROPERTIES:** |  | |  | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***VISCOSITY:*** | 16 - 32" #3 Zahn | |  | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***pH:*** | 8.8 - 9.4 | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***RUN SPEED:*** | 100 - 300 FPM | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***HEAT RESISTANCE:*** | Not Recommended | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***LIGHT FASTNESS:*** | Available in Lightfast and Non-lightfast | | | | | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***WATER RESISTANCE:*** | Very Good to excellent | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***REDUCERS:*** | Blend 98/2, water/pH | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***ANILOX:*** | Solids 400-600 line, Process 800-1200 line | | | | | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***DOCTOR BLADE:*** | Recommended | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***METER BALL:*** |  | |  | |  | |  | | |  |
|  | 50-75 durometer roller | | | |  | |  | | |  |
|  |  | |  | |  | |  | | |  |
| ***DRYING CAPABILITIES:*** |  | |  | |  | |  | | |  |
|  | Medium to Hot Forced Air volume | | | | | |  | | |  |
|  | |  | | | |  | |  | |  |  |
| **PRESS SIDE PROCEDURES** | |  | | | | | | | |  |  |
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|  | |  | | | |  | |  | |  |  |
| *Pour ink into pan straight. Start press and pull up color to determine strength. If color strength* | | | | | | | | | | | |
| *needs adjusting, we recommend changing anilox before adjusting ink.* | | | | | | | | | |  |  |
|  | |  | | | |  | |  | |  |  |
| *If color pulls up strong and you want to reduce, use blend of 98/2, water/pH adjuster.* | | | | | | | | | | |  |
|  | |  | | | |  | |  | |  |  |
| *Extend color using AWG-0252V Film SP Transparent White.* | | | | | | | | | |  |  |
|  | |  | | | |  | |  | |  |  |
| *Propylene Glycol can be added up to 5% by weight for slower press speeds.* | | | | | | | | | | |  |
|  | |  | | | |  | |  | |  |  |
| *If higher press speeds are needed, use a blend of water/alcohol. Keep in mind that using this* | | | | | | | | | | | |
| *blend will lower your pH. So, check you pH after each add and raise as needed.* | | | | | | | | | | |  |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
| **END USE RESTRICTIONS** | |  | | | | | | | |  |  |
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|  | |  | | | |  | |  | |  |  |
| ***NOT INTENDED FOR USE IN THE FOLLOWING APPLICATIONS:*** | | | | | | | | | |  |  |
|  | |  | | | |  | |  | |  |  |
| ***WET APPLICATIONS WHICH INCLUDE -*** | | | | | | | |  | |  |  |
|  | |  | | | | *Steam* | | |  |  |  |
|  | |  | | | | *Autoclave* | | |  |  |  |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
| ***LIGHTFASTNESS -*** | |  | | | | *N/A* | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
| ***HEAT RESISTANT -*** | |  | | | | *Up to 300*º *Fahrenheit* | |  | |  |  |
|  | |  | | | |  | |  | |  |  |
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|  | |  | | | |  | | *02/23/15* | |  |  |
|  | |  | | | |  | |  | |  |  |
| *John M. Ruppe, Jr. - President* | | | | | |  | | *Date:* | |  |  |
|  | |  | | | |  | |  | |  |  |