TMI Inks

TMI Solvent Ink

TMI Transit Marking Inks are formulated for application to pressure sensitive vinyl substrates specifically for the automotive and fleet marking industry. These inks are made with automotive grade pigments for the best available color permanence. They are available in single pigment base colors and transparents. The TMI system has excellent durability when overprinted with either the TMI 1000 (K77747) or UTMI Clears.

Long term decal solvent inks for various applications

PRODUCT INFORMATION INCLUDED:

Single Pigment Base Color System
Opaque Colors
Translucent Colors
Transparents Colors
Clears

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TMI Ink Features
The main features are:

- Excellent Adhesion to Pressure Sensitive Vinyls
- Highly flexible
- Exceptional for Fleet Applications over rivets and corrugation
- Excellent Printability and Screen Stability
- Transparent Colors Available
- Excellent Solvent/Chemical Resistance
- Superior Color Matching Ability
- Capability of Matching Metallics Including Coarse Flakes
- Excellent Outdoor Durability when Overprinted with TMI and UTMI Clears

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TMI II SINGLE PIGMENT BASE COLOR SYSTEM

Fujifilm's TMI II Vinyl inks are specifically formulated for application to premium-grade pressure sensitive vinyl substrates. They are manufactured using only the finest materials available. The pigments chosen are all of automotive quality for the best in permanence and fade resistance. The TMI II System consists of colors and clear coatings that are ideally suited for fleet marking and automotive applications.

The TMI color system consists of 16 single pigment base colors plus black and white, all having high pigment strength.

The base colors are composed of six (6) opaque colors and twelve (12) translucent colors. All colors can be intermixed in any ratios to achieve a whole range of custom colors. The strength and cleanliness of the single pigment system will allow mixtures resulting in clean bright colors, opaques, and brilliant Metallics.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TYPE OF STOCK: Premium grade vinyl, cast and calendered, can also be used on other PVC products; ABS, or any other surface compatible with a vinyl ink.

END USE: Pressure sensitive decals and emblems for fleet marking, automotive, OEM, and aftermarket applications.

TYPE OF STENCIL: Direct photoemulsion or capillary films.

SCREEN MESH: Colors - 180-220 Mono polyester. We prefer properly tensioned Mono-polyester; nylon may be used, however, more frequent retensioning will be necessary. (See TMI Usage Bulletin, starting page on 8)

SQUEEGEE: Colors - 70 Durometer. A softer durometer may be used (60) if holder is adjustable, to minimize amount of squeegee exposed, or stiffeners can be used in the holder to prevent excess flexing.

MODIFICATION: All TMI colors will require thinning. Using the appropriate TMI thinner, a viscosity of approximately 30 seconds in a #5 Zahn Cup is suggested (usually 15¬20% by weight)*.

NOTE: Add Solvents to the ink slowly, while mixing to avoid agglomeration.

Description	Product #
TMI II 960 Regular Thinner	K37270
TMI II 970 Slow Thinner	K59626
TMI II 980 Retarder	K67020

NOTE: Start with the regular TMI II 960 thinner. Adjust with TMI II slow thinner or retarder if necessary to improve screen stability. The use of the slow thinner or retarder will increase normal ink drying times.

Use TMI II 901 Mixing Vehicle, K83108, to adjust color strength and for mixing Metallics. (See TMI II usage Bulletin.)

DRYING TIME: The following chart gives the relative drying times based on single color prints and multiple color overlaps of a 1/4" or more (prior to a clear coat being applied). It is based on the inks being thinned with the TMI II K37270 regular thinner.

NOTE: Differences in ambient temperature, humidity, or equipment may alter actual dry times.

Jet Drying
Jet drying individual TMI II colors can be accomplished as follows:

Single Color Print (No Overlap	Overlapping Colors
30 seconds at 160° F	45 seconds at 160° F

NOTE: The dwell times listed above are total belt time. At least 60% of the total belt time should be in the heat chamber. These times are considered the minimums required before stacking. For the purposes of registration on multi-color jobs, the use of batch oven drying between colors is not recommended.

NOTE: After jet drying the final TMI II color and prior to overprint clear coating, prints may be required to be racked and batch-oven dried, depending on the clear coat used, to assure that all residual solvents are removed. See TMI II Usage Bulletin for more details.

OVERPRINT CLEARS: TMI II inks are satin finish, therefore, they will require a clear coat to achieve an overall gloss finish and the ultimate in durability and protection. The clear coatings can be screen printed or roller coated.

Use TMI II 1000 Overprint Clear, K77747, through 157-180 mesh for general applications.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

Use UTMI Clear, K86693 through 157-200 mesh for the ultimate in gloss and durability.

Clear coats should be thoroughly dry before premask application.

WASH-UP: Clean screens and squeeges with XPW-105

GENERAL REMARKS: All colors, overprinted with the UTMI Clear, K86693, have been exposed for 1 year in Florida (5° S), 1000 hours QUV (automotive cycle), and 1000 hours Atlas twin arc weatherometer with no noticeable deterioration or color change.

COVERAGE: Approximately 1200 square feet per gallon through 220 mesh.

TMI II OPAOUE COLORS

Description		K-Number
15	Oxide Yellow	K82420
36	Oxide Lt. Red	K83103
700	Black	K81321
800	White	K81322
	Orange	TMI41322
	Yellow	TMI41323

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TMI II TRANSLUCENT COLORS

Description		K-Number
10	G.S. Yellow	K83102
14	R.S. Yellow	K83106
30	Y.S. Red	K81320
31	B.S. Red	K82421
33	Quindo Y.S. Red	K83511
34	Quindo B.S. Red	K84425
35	Magenta	K86103
40	B.S. Green	K82900
41	Y.S. Green	K83101
50	G.S. Blue	K82423
52	R.S. Blue	K82424
	Violet	K88045
901	Mixing Vehicle	K83108

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TMI II TRANSPARENTS

Fujifilm's Transit Marking Inks (TMI II) are formulated for application to pressure sensitive vinyl substrates specifically for the automotive and fleet marking industry.

In addition to the TMI II Base color system, the TMI II is available in a transparent series.

The pigments contained in the transparents are of automotive quality for the best in permanency and fade resistance.

The TMI II Transparent series consists of 10 colors specifically formulated for, but not limited to, reflective films compatible with Vinyl inks.

The Transparents are totally intermixable with each other and with the standard TMI II Base colors. The Base colors will reduce the percentage of reflectivity on reflective films.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TYPE OF STOCK: Premium grade pressure sensitive vinyl films, cast or calendered, Fasson R-100 Reflective, Rigid Vinyl, ABS, Hi impact Styrene, other surfaces compatible with a Vinyl ink.

END USE: Pressure sensitive emblems, decals, faceplates.

TYPE OF STENCIL: Direct photoemulsion or capillary films.

SCREEN MESH: We recommend properly tensioned mono polyester, 220-305 mesh. Equivalent mesh counts in Nylon may be suitable but more frequent retensioning will be necessary to maintain proper tension.

SQUEEGEE: We recommend a 60 durometer blade. Squeegee should be free of nicks and blemishes to prevent streaking.

NOTE: Any imperfection in equipment; squeegee, flood bar, press table, screen or substrate can result in a variation in ink film thickness and color differences.

MODIFICATIONS: All TMI II colors will require thinning. Using the appropriate TMI II thinner, a viscosity of approximately 30 seconds in a #5 Zahn Cup is suggested (usually 15-20% by weight).*

NOTE: Add Solvents to the ink slowly, while mixing to avoid agglomeration.

Description	Product #
TMI II 960 Regular Thinner	K37270
TMI II 970 Slow Thinner	K59626
TMI II 980 Retarder	K67020

***NOTE:** Start with the regular TMI II 960 thinner. Adjust with TMI II slow thinner or retarder if necessary to improve screen stability. The use of the slow thinner or retarder will increase normal ink drying times.

DRYING TIME: The following chart gives the relative drying times based on single color prints and multiple color overlaps of a 1/4" or more (prior to a clear coat being applied). It is based on the inks being thinned with the TMI, K37270, regular thinner.

NOTE: Differences in ambient temperature, humidity, or equipment may alter actual dry times.

Jet Drying
Jet drying individual TMI II colors can be accomplished as follows:

Single Color Print (No overlap)	Overlapping Colors
30 seconds at 160° F	45 seconds at 160° F

NOTE: The dwell times listed above are total belt time. At least 60% of the total belt time should be in the heat chamber. These times are considered the minimums required before stacking. For the purposes of registration on multi-color jobs, the use of batch oven drying between colors is not recommended.

NOTE: After jet drying the final TMI II color, and prior to overprint clear coating, prints may be required to be racked and batch-oven dried, depending on the clear coat used, to assure that all residual solvents are removed. See TMI II Usage Bulletin for more details.

OVERPRINT CLEARS: Use of one of the TMI II clear coats is recommended for overall gloss, protection and durability. Inks should be sufficiently dry before applying clear coats.

Use TMI II 1000 Overprint Clear, K77747, through 157-180 mesh Use UTMI Clear, K86693, through 157-220 mesh.

Clear coats may also be roller coated.

(See TMI II Usage Bulletin for additional information.)

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

WASH-UP: Wash up screens with XPW-105.

GENERAL REMARKS: The transparents on Fasson R-100 stock with the UTMI overprint clear have been exposed for 1000 hours in the QUV (automotive cycle) and 1 year in Florida with no visible color change.

COVERAGE: Approximately 1500 square feet per gallon through 280 mesh.

TMI TRANSPARENT COLORS

Description		K-Number
3100	G.S. Yellow	K83592
3102	R. S. Yellow	K83593
3300	Y.S. Red	K83594
3302	B.S. Red	K83595
3305	Magenta	K83596
3501	R.S. Blue	K83598
3502	G.S. Blue	K83597
3400	Y.S. Green	K83599
3401	B.S. Green	K83600
3700	Black	K81321
901	Mixing Vehicle	K83108

STORAGE: Refer to TMI II Usage Bulletin.

HEALTH AND SAFETY: Refer to TMI II Usage Bulletin.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TMI II OVERPRINT CLEARS

TMI II Base colors and Transparent inks are all manufactured using automotive quality pigments. To achieve an overall gloss appearance and to protect the vehicle and pigment, it is necessary to apply one of the TMI clear coatings.

The clear coat will protect the ink and film from fading and degradation by ultraviolet light, moisture and airborne pollutants.

It's very important that the clear be applied properly and in the correct amount or durability of the printed part will be affected.

TYPE OF STENCIL: Direct photoemulsion or capillary films.

SCREEN MESH:

PRODUCT	MESH
TMI Overprint Clear K77747	157-180
UTMI Clear K86693	157-200

These clear coats can also be roller-coated.

Its important to control dry film thickness whether printing or roll coating. Minimum dry film thickness should be 0.4 mil.

Clear coats should be applied to assure a smooth even coat, free of surface defects such as pinholes, craters or foreign material that may produce a void in the film.

When clear coating metallics, the coarser mesh should be used to assure proper protection of the metal flake that could protrude from the ink film. It may be necessary to apply two coats of clear when using the coarse metallic paste.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

MODIFICATIONS: After jet drying the final TMI ink color, the print may be clear coated with TMI 1000 (K77747) without batch oven drying the inks.

TMI II 1000 OVERPRINT CLEAR

System Compounds

Product	Description
K77747	1000 Overprint Clear
K14003	960 Thinner
K67020*	980 Retarder

Mixing Instructions: Adjust viscosity to 20 seconds in a #5 Zahn Cup using K14003 Thinner (The use of any other thinner will effect flow). The TMI II 1000 Overprint Clear can be stored and reused once thinned. However, viscosity will need to be readjusted.

***NOTE:** Use of the retarder will increase normal clear coat drying times.

Prior to using the UTMI II Overprint Clear Coat and after jet drying the final TMI ink color, the prints must be racked and batch oven dried for a minimum of 30 minutes at 160° F to assure all residual solvents are removed from the inks.

UTMI II TWO-COMPONENT OVERPRINT CLEAR

System Components

Product #	Description	Mixing Ratio By Volume	Mixing Ratio By Weight
UTMI-OP or K86693	UTMI II Part A	1	8 parts
AF-CAT	UTMI II Part B	1	1 part
K83965 or K18000	960 Thinner		
K67020	980 Retarder		

Mixing Instructions: Combine Part A and Part B at the recommended mixing ratio as stated above and mix slowly for 10 minutes. Then adjust viscosity to 15 seconds in a #5 Zahn Cup using only K83965 Thinner (The use of any other thinner will affect flow and reduce pot life). The overprint clear should then be allowed to set for 15 minutes prior to use. Mix only enough UTMI II for 8 hours. Properly dispose of any UTMI II mixture that is not used.

NOTE: Use of the retarder will increase normal clear coat drying times.

DRYING TIME: TMI 1000 Overprint clear can be batch oven dried or dried in a jet drier.

Batch Oven: The prints should be racked and placed in a batch oven for 45 minutes at 160° F. After batch oven drying, prints must cool on racks for a minimum of 30 minutes before unracking. Stacking prints too soon after drying may leave an impression in the clear coat. Premasking prints too soon after drying may cause difficult premask removal.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

Properly vent batch ovens. To prevent hot and/or cool spots, adequate air circulation is required. To test, use maximum number of racks with temperature tapes at the top, middle, and bottom of each rack.

Jet Drying:
Jet drying of TMI II 1000 clear can be accomplished as follows: 45 seconds** at 160° F

****NOTE:** Dwell time listed is a total belt time. At least 60% of the total belt time should be in the heat chamber. This total belt time is considered the minimum time required before stacking.

DRYING OF THE UTMI TWO-COMPONENT OVERPRINT CLEAR COAT SYSTEM

UTMI overprint clear coat must be batch oven dried. The following drying times are based on the fact that clear coated prints will be racked and placed in a batch oven.

Overprint Clear Drying Times (Batch Oven)

Batch Oven Temperature	Minimum Drying Times
160° F	1 1/2 Hours

After batch oven drying, prints must cool on racks for a minimum of 30 minutes before unracking. Stacking prints too soon after drying may leave an impression in the clear coat. Premasking prints too soon after drying may cause difficult premask removal.

Properly vent batch ovens. To prevent hot and/or cool spots, adequate air circulation is required. To test, use maximum number of racks with temperature tapes at the top, middle, and bottom of each rack.

WASH-UP: Clean screens and squeegees with XPW-105 Do not allow UTMI clears to dry on screen or equipment or removal will be difficult.

GENERAL REMARKS: Coverage: Approximately 1000 square feet per gallon.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TMI PRODUCT USAGE BULLETIN

TRANSIT MARKING INK

Fujifilm's Transit Marking Inks are formulated for application to pressure sensitive vinyl substrates specifically for the automotive and fleet marking industry. These inks are made with automotive grade pigments for the best available color permanence. They are available in a single pigment base colors and transparents. The TMI system has excellent durability when overprinted with either the TMI 1000 or UTMI clears.

TMI BASE COLOR SYSTEM

The TMI Base Color System consists of 16 single pigment colors, plus black and white. All colors are intermixable for ease of color matching. Pigment characteristics result in 6 opaque and 12 translucent colors.

TMI II OPAQUE COLORS

Description		K-Number
15	Oxide Yellow	K82420
36	Oxide Lt. Red	K83103
700	Black	K81321
800	White	K81322
	Orange	TMI41322
	Yellow	TMI41323

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

TMI TRANSLUCENT COLORS

Description		K-Number
10	G.S. Yellow	K83102
14	R.S. Yellow	K83106
30	Y.S. Red	K81320
31	B.S. Red	K82421
33	Quindo Y.S. Red	K83511
34	Quindo B.S. Red	K84425
35	Magenta	K86103
40	B.S. Green	K82900
41	Y.S. Green	K83101
50	G.S. Blue	K82423
52	R.S. Blue	K82424
	Violet	K88045
901	Mixing Vehicle	K83108

When matching a color where opacity is required, the color blend should contain one or more of the opaques. The translucents will result in very clean colors, but variations in dry film thickness caused by stock, squeegee or equipment imperfections will be obvious.

TMI TRANSPARENTS

The TMI II Transparent System consists of 10 colors, specifically formulated for, but not limited to, reflective films compatible with vinyl inks. The transparent inks are totally intermixable with each other and with the standard TMI II base colors. The base colors will reduce percentage of reflectivity. Use K83108 TMI II 901 Mixing Vehicle to reduce strength of transparents if necessary.

TRANSPARENT COLORS

Description	K-Number
3100 Green Shade Yellow	K83592
3102 Red Shade Yellow	K83593
3300 Yellow Shade Red	K83594
3302 Blue Shade Red	K83595
3305 Magenta	K83596
3501 Green Shade Blue	K83598
3502 Red Shade Blue	K83597
3400 Yellow Shade Green	K83599
3401 Blue Shade Green	K83600
3700 Black	K81321
901 Mixing Vehicle	K83108

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

THINNING OF ALL TRANSIT MARKING INKS*

ALL TMI II systems will require thinning. The TMI II base color system and transparents should be thinned to a viscosity of approximately 30 seconds in a #5 Zahn cup, usually 15¬20°/0 by weight, using the appropriate TMI thinner. We suggest starting with the TMI 960 Regular Thinner and adjusting with TMI II 970 Slow Thinner or TMI II 980 Retarder, if necessary, to improve screen stability. The use of TMI II 970 Slow Thinner and TMI II 980 Retarder will effect drying times (see Air Dry). Solvent should be added slowly while mixing to avoid agglomeration.

TMI 960	Regular Thinner	K37270
TMI II 970	Slow Thinner	K59626
TMI II 980	Retarder	K67020

* For Colors Only. See specific Instructions For Clears.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

THINNING OF TMI OVERPRINT CLEARS

The TMI 1000 Overprint Clear, K77747, is a single component product having excellent flexibility, elongation and weather resistance. Thin 15-20% with TMI II 970 Slow Thinner, K59626 to a viscosity of 20 seconds in a #5 Zahn cup for printing. Use TMI II 970 Slow Thinner for roller coat applications. The use of TMI II 960 Fast Thinner (for clears) or TMI II 980 Retarder should be used sparingly as not to affect the gloss of the clear. Drying time will have to be increased if retarder and thinner are used.

*TMI 960 Regular Thinner (for clears)	K14003
TMI II 970 Slow Thinner	K59626
TMI II 980 Retarder	K67020

*This solvent is recommended for use with the TMI 1000 Overprint clear, only. The UTMI clear, as outlined in the following paragraphs, will require a different thinner.

UTMI Clear, K86693, is a two-component clear that exhibits extremely high gloss, durability, flexibility and elongation. The abrasion and resistance to moisture and chemicals is also superior.

UTMI 960 Regular Thinner	K83965
UTMI 980 Retarder	K67020

The mixing ratio for the UTMI Clear, K86693, must be followed for proper results. The following is an example of the UTMI Clear K86693 formula:

System Components

Product #	Description	Mixing Ratio By Volume	Mixing Ratio By Weight
UTMI-OP or K86693	UTMI II Part A	1	8 parts
AF-CAT	UTMI II Part B	1	1 part

APPLICATION OF INKS

We suggest printing the TMI II base colors and mixtures, transparents, metallics and four-color process inks using properly tensioned polyester fabric, as suggested below. Equivalent mesh counts in nylon will be suitable for printing, however, more frequent retensioning of fabric may be necessary to maintain proper tension.

Inks	Recommended Mesh	Squeegee
TMI II Base Color	180 - 220	70 durometer
TMI II Transparents	220 - 305	60 durometer

When tensioning screens for close tolerances and registration, it is recommended to tension fabric to 15-16 neutons. Any other printing that does not require close registration or tolerances, 12-14 neutons will be sufficient. Tension of the fabric should not be less than 12 neutons at any time. Any suitable stencil system may be used, i.e. — direct method, indirect, or direct/indirect. Must be lacquer proof.

APPLICATION OF OVERPRINT CLEARS

The function of the overprint clear is not only to achieve an overall excellent cosmetic appearance, but more importantly, to extend the life of the printed part. It protects the film and ink from fading and degradation by ultraviolet rays, moisture and airborne pollutants. It is important that the clear be applied properly and in the correct amount, or durability of the printed part will be affected. Dry film thickness of the clear is important. We suggest the following mesh counts:

Product	Mesh
TMI II 1000 Overprint Clear	157-180
UTMI Clear A&B	157-200

When clear coating a metallic color, we suggest the coarser mesh be used to properly protect the metallic flake. It may be necessary, when using the large particle paste, to apply two coats of clear to adequately protect the ink film and metal particle. It is also just as important when roller coating any of the clears, to control dry film to assure a smooth even coat, free of surface defects such as pinholes, craters, or foreign material. These defects may produce a void in the film, allowing moisture to enter and subsequently reducing the durability.

NOTE: We strongly recommend pretesting the adhesion of the UTMI clear on substrates to be printed due to variations in the components used in manufacturing vinyl films.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

DRYING OF INKS

The charts below give relative drying times based on single color prints and multiple color overlaps of a 1/4" or more before a clear coat is applied. It is based on the inks being thinned with the TMI II 960 Regular Thinner, K37270. Differences in ambient temperature, humidity and equipment may alter actual drying times.

JET DRYING

Jet drying individual colors can be accomplished as follows:

TMI II INK	Single Colors	Multicolor
Base Colors	30 Sec @ 160° F.	45 Sec @ 160° F.
Transparents	30 Sec @ 160° F.	45 Sec @ 160° F.

The times listed are the minimums required before stacking. It is the total belt time, allowing at least 60% of this time in the heat chamber. Temperature tapes should be used to determine actual sheet temperatures. **NOTE:** Prior to clearcoat applications, prints will have to have additional drying time when clear coating using the UTMI clear.

AIR DRYING

Air drying times listed below are the minimum times required for drying between colors and prior to clear coating using high volume fans and adequate ventilation.

TMI II INK	Air Dry (Between Colors)	Air Dry (Prior to Clear Coating) Single Color	Multicolor
Base Colors	1 Hour	5 Hours	6 Hours
Transparents	1 Hour	5 Hours	6 Hours

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

OVEN DRYING IN RACKS

For purpose of registration, we do not recommend oven drying between colors on multicolor jobs. Oven drying times below are based on forced air batch ovens, and are minimums required prior to clear coating when using UTMI clear.

TMI II INK	Single Colors	Multicolor
Base Colors	45 Minutes @ 160° F.	1 Hour @ 160° F.
Transparents	45 Minutes @ 160° F.	1 Hour @ 160° F.

Batch ovens should be properly vented. Air circulation should be adequate to prevent hot and cool spots. Best batch ovens practice, use maximum number of racks with temperature tapes on top, middle and bottom.

If the jet dry temperature causes enough shrinkage to make registration of subsequent colors a problem, rack drying between colors for 1 hour with high volume fans is recommended.

Test prints for thorough drying by folding a print face to face. If a crackling sound is evident when pulled apart, the prints will require additional drying times.

DRYING OF CLEAR COATS

Clear	Air Dry	Oven Dry (@ 160°)
TMI 1000 Overprint clear	12 Hours	1 Hour
UTMI Clear	N/A	1 Hour (Dust free in 2 min.)

It is recommended that after oven drying, prints be allowed to cool on the racks for 30 minutes before unracking. If prints are stacked or premasked too early, an impression may be left in the clear coat or removal of the premask may be difficult.

WASH-UP

Clean screens and squeegees with XPW-105.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

STORAGE OF INKS AND CLEARS

Inks and clears should be stored between 60° F. and 90° F. All unopened containers should not be stored on the shelf longer than 1 year from the date of purchase.

HEALTH AND SAFETY

The TMI II inks, clearcoats and thinners contain a wide range of solvents which are listed on Fujifilm's Safety Data Sheets. These forms are available upon request.

These Inks Are For Industrial Use Only. Keep away from heat, sparks and open flames. Keep container closed when not in use. Use with adequate ventilation. Avoid breathing vapor or mist. Do Not Ingest.

FIRST AID: Refer to individual Safety Data Sheet for additional information.

The UTMI Clear Coat is a two-component clear, intended for industrial use only. Keep away from heat, sparks and open flames. Part B consists of an aliphatic polyisocyanate. Vapor or spray mist and thermal decomposition products are harmful. Use only in well ventilated areas. Use of proper safety equipment is recommended.

Pretest: Our products should always be tested in a manner to duplicate your manufacturing processes, on your substrate to ensure satisfactory performance before initiating production.

THE FUJIFILM GREEN POLICY

We at Fujifilm believe that "sustainable development" of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.