Committed to helping those who are passionately devoted to creating quality products.

President's Message

Stepping forward to the next 100 years

President
Tadao Arai

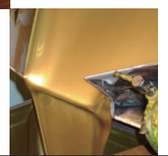
With a new era of AI and IoT technology upon us, we are pleased to announce the establishment of the newly formed Tokyo Business Unit / Technical Center with the aim of further strengthening our technical capabilities and improving the quality and speed of our customer service.

We will declare our second founding on our upcoming 90th Anniversary in 2018. At this time will also begin further advancement and business reform company - wide.

Throughout all the profound changes in the business environment that have occurred during our long history, we have never waned from our commitment to product quality, social responsibility, and compliance.

For the future and younger generations, we are working hard to reduce the environmental impact of an ink product's lifecycle, from its conception to final disposal.

We feel that we must reach back to the spirit in which this company was founded and work together with our customers to move the printing industry toward a new stage.



MEGAMI INK

To preserve for future generations, a look at how MEGAMI INK is working to help our environment:

MEGAMI INK Mfg. Co., Ltd. believes that the utmost consideration should be given to environmental preservation as it is one of the 21st century's most important challenges. We have been committed to the realization of a sustainable society for the next generation by upholding our environment policy through our corporate social responsibility policy.

Thus, we are working to reduce the impact of an ink product's entire lifecycle on the environment, from its conception to its final disposal. We develop products that preserve the environment. Many of these products have acquired an Eco Mark Certification, authorized by the Japan Environment Association. Some of our products use environmentally friendly vegetable oil as a substitute for petroleum solvents.

As a part of our efforts, we acquired the ISO 9001 certification in 2002, and have adopted it to meet our international product quality management standards.

We are constantly striving to secure safety and product quality from the material formulation stage by strictly complying with the chemical substance regulations and laws of the respective regions where our products are exported, as well as the Negative List inventory of the Japan Printing Ink Association. For food package printing ink we are developing our products, to comply with EU and USA regulations as well as regulations set forth in other countries.

Company Profile	Company Name	Megami Ink Mfg. Co., Ltd.
	Date Founded	April 5th, 1928
	Representative	President and Representative Director Tadao Arai
	Capital	JPY 95 million.
	Main Business Activities	Production and sales of raw materials for printing ink, printing equipment.

HISTORY

Diverse experiences to support the present Megami Ink.

HEAD OFFICE

Head office in Ueno, Tokyo, established in 1950

TOKYO BUSINESS FACILITY TECHNICAL CENTER

Tokyo Business Facility Technical Center completed in 2016, aiming to strengthen the technical field with quicker, more efficient customer service.

HISTORY

1928 Tatsujirou Arai established the "Kinsyoudou" shop as a distributor of printing ink & equipment.

1936 Began to manufacture printing inks in Arakawa, Tokyo.

1945 Started to produce printing inks in Matsuida town, Gunma prefecture.

1950 Constructed the head office in Ueno, Tokyo and changed the name to Megami Ink Mfg Co.,Ltd.

1954 Introduced a state of the art flusher for manufacturing yellow inks for the first time in Japan.

1961 Established a full-scale manufacturing plant in Matsuida town, Gunma prefecture.

1968 Completed new office building in Ueno, Tokyo.

1984 Established an overseas affiliated company, "Megami Corporation (M.C.)" in the United States.

1990 Announced sales of gold and silver inks packed in vacuum cans, using a vacuum potting system for the first time in Japan.

1995 Set up new manufacturing lines for UV curing inks inside the Gunma factory.

2002 Obtained ISO 9001 certification.

2010 Formed a technical cooperation with a Chinese company（港日実業発展有限公司）in Canton province.

2016 Completed the "Tokyo Business Facility Technical Center" in Yashio city, Saitama prefecture.

GUNMA FACTORY

The Gunma Factory is a two-hour drive from Tokyo. We have manufactured consistent and eco-conscious products of the highest quality.

THE U.S.BRANCH IN CHICAGO

The U.S.Branch in Chicago plays a vital role in distributing our products in North and South America and gathers market trend information from the West.

THE DONGGUAN PLANT IN CHINA

We can allocate the most suitable products for the Asian market, both in quality and price point.

PRODUCT LINEUP

Oil-based and UV Curing Type Gold Ink for Offset

Series	Application	Product	Characteristics
Super Gold	Oil-based ink Sheet-fed offset	No.550 Pale No.770 Rich EXT Pale EXT Rich High Gloss Pale High Gloss Rich	・Robust and flexible press performance in superior metallic brilliance with high opacity, gloss and quick dry. ・EXT Pale and Rich express higher glittering property. ・High Gloss Pale and Rich brings higher gloss effect.
		Pantone	・Corresponding to Pantone No. 871～876
	Oil-based ink Heatset web offset	Rich Pale	・High speed printability and taking measures to reduce wearing of PS plate, required for web off-set printing.
MEGACURE Super Gold	UV curable ink Sheet-fed offset	550X Pale 770X Rich EXT Pale EXT Rich	・High performance of opacity, brilliancy and printability. ・Upgraded to achieve more metallic brilliancy.
MEGACURE FA-QDL Super Gold	Energy saving UV curable ink Sheet-fed Offset	Pale Rich	・LED UV and power saving UV lamp curable type. ・Superior printability with high metallic brilliancy

Oil-based and UV Curing Type Silver Ink for Offset

Series	Application	Product	Characteristics
Super Silver	Oil-based ink Sheet-fed offset	No.3100 No.7100 High Gloss	・High performance of opacity, brilliancy and printability. ・No.7100 has superior brilliancy. ・High gloss type has strong mirror-like effect.
		Pantone	・Pantone shade No.877.
		NL	・Anchor silver for multi-color overprinting. ・Possible to carry out after-processing such as hot/cold stamping , glue.
	Oil-based ink Heatset web offset		・High speed printability and taking measures to reduce wearing of PS plate, required for web off-set printing.
MEGACURE Super Silver	UV curable ink Sheet-fed offset	EXT Foil Silver	・High performance of opacity, brilliancy and printability. ・The special aluminum pigments have a foil-like effect.
MEGACURE FA-QDL Super Silver	Energy saving UV curable ink Sheet-fed offset		・LED UV and power saving UV curable type. ・Superior printability with high metallic brilliancy.

SPECIAL INK

Water-based Varnish / Ink for Coater Unit and Flexography

Product Name	Application	Type	Characteristics
Aqua F	Paper	Gold	・Higher glittering property compared with offset gold and silver ink
		Silver	・Under development for temporal stability and exportability
		Pearl	・High glittering that off-set ink cannot achieve.
Aqua F Anchor	Anchor coating varnish	Silver	・High underprinting & glittering property
		Pearl	・High underprinting property ・High glittering that off-set ink cannot achieve.

＊ Water-based Silver / We are continuing our research and development for improvement in terms of temporal stability and exportability.

UV Curing Varnish / Ink for Coater Unit and Flexography

Product Name	Application	Type	Characteristics
UV FLECURE	Paper	Gold Silver	・Higher glittering property compared with offset gold and silver ink
		Foil Silver	・The special aluminum pigments have a foil-like effect
		Pearl	・High glittering property that off-set ink cannot achieve

Color Variation of Pearlescent Varnish (UV / Water-based)

Pearl Type	Color	Characteristics
White Pearl	NO.1 White Silver NO.2 White Silver NO.3 White Silver	・High brilliancy type, using coarse particles. ・Standard type. ・Focusing on opacity. Micro powder type.
Polarization Pearl	NO.11 Gold NO.12 Orange NO.13 Red NO.14 Violet NO.15 Blue NO.16 Green	・Deflection pearl utilizing interference effect of light ・Enjoyable color varieties
Tinting Pearl	NO.50 Gold NO.51 Orange NO.52 Red	・Glossy density pearl available even on paper
Multi Polarization Pearl	NO.21 Violet Green NO.22 Blue Red NO.23 Green Orange NO.24 Blue Green	・Multi polarization pearls change color depending on the angle observed.

Fluorescent Ink for Offset / Flexography

Product Name	Application	Color	Characteristics
Rainbow	Oil based ink Offset	Yellow Orange Red Pink Magenta Green	・Excellent color intensity and luminescence
UV MEGACURE Rainbow	UV curable ink Offset		・Excellent color intensity and luminescence
Aqua F Rainbow	Aqueous ink Flexography		・High density water-based type for flexography.

UV Curable Ink MEGACURE Series for Offset

Product Name	Application	Type	Characteristics
MEGACURE FA	UV curable ink for paper/plastic/ Metallized paper	Process 4C Spot Colors Lightfastness OP Varnish	・Vividness and transparency which enables one to express a wide range of colors ・Superior printability and good dot reproduction make printed matters clear. ・Ideally low tack and applicable to a wide range of papers ・High scratch resistance and post processing property ・Good adhesive property. Printable on some non-absorbent plastic and Metallized paper.
MEGACURE SO	UV curable soy ink series for general application	Process 4C	・Corresponding to vegetable ink marks. ・Developed to express color reproduction close to oil-based ink.
MEGACURE LMI	UV curable ink	Process 4C	・Low penetration and low odor ink for food packaging ・Reduced odor generated in the process of UV curing.
MEGACURE MSP	UV curable ink high adhesion	Process 4C Spot Colors	・High adhesive UV ink for non-absorbing substrates ・Good adhesiveness and printability on a wide range of plastic substrates such as PP, PET, PVC, etc.
MEGACURE FA-QDL	Energy saving UV ink for general application	Process 4C Spot Colors Lightfastness OP Varnish	・Maintained properties of FA series and upgraded curing ability ・LED module type and electricity saving UV system.
MEGACURE MSP-QDL	Energy saving UV ink high adhesion	Process 4C Spot Colors	・Maintained properties of MSP series and upgraded curing ability ・LED module type and electricity saving UV system,
MEGACURE EB	Electron beam curable ink	Process 4C Spot Colors	・Electron beam curing type.

Oil-based Ink for Offset

Product Name	Application	Type	Characteristics
EST SO Process	Vegetable ink eco-mark	Process 4C	・Suitable for a wide range of printing, good stability on printing machine ・lineup of 18 colors including bronze red, middle yellow and medium
GV		Spot Colors	

RESISTANCE TABLE

UV Curable Ink MEGACURE FA Series

Color	Light Fastness		Acid Resistance	Alkali Resistance	Soap Resistance	Solvent Resistance	Heat Resistance
	Full*	Tint*					
Yellow	4	3	4	4	5	4	4
Magenta #	4	3	2	2	1	4	4
Cyan Blue	8	7	5	5	5	5	5
Black	7	4	4	3	2	2	5
021 Orange	4	3	2	3	2	4	5
Warm Red	4	3	2	3	2	4	5
032 Red #	4	3	2	2	1	4	4
Rhodamine #	3	2	4	3	1	3	3
Purple #	3	2	4	3	1	3	3
Violet	7	6	5	5	5	5	5
Reflex Blue	7	6	5	5	5	5	5
Ultramarine Blue	7	6	5	5	5	5	5
Green	8	7	5	5	5	5	5
Medium	8	-	5	5	5	5	5
Opaque White	8	7	5	5	5	5	5
SLF Yellow	8	7	5	5	5	5	5
SLF Magenta	7	6	5	5	5	5	5
SLF Warm Red	6	5	5	5	5	3	5
SLF Rhodamine	7	6	5	5	5	5	5

Fading becomes worse under moisturized conditions with high humidity
* High density/tinting=100%ink/10%ink+90%medium, RI tester 2 cut roll 0.15cc(ink amount)
「Lightfastness」……Evaluated discoloration after exposing printed matter in fed-meter
「Acid Resistance」……Evaluated discoloration after dipping printed matter in 2% sulfuric acid aqueous solution for two hours keeping the temperature at 20-25℃
「Alkali Resistance」……Evaluated discoloration after dipping printed matter in 2% sodium hydroxide aqueous solution for 30 minutes. keeping the temperature at 20-25℃
「Soap Resistance」……Evaluated discoloration after adhering 10% soap gel solution on printed matter for one hour keeping the temperature at 40℃
「Solvent Resistance」…Evaluated discoloration after dipping printed matter in mixed solvent for five minutes
「Heat Resistance」……Evaluated discoloration after heating in a constant temperature dryer for 30 minutes keeping the temperature at 150℃
「Evaluation」……Lightfastness 8(excellent)⇔1(poor); Other Resistances: 5(excellent)⇔1(poor)
※Evaluation data in the table is based on test results conducted in accordance with in-house testing methods and, are not standard values. Please conduct pre-use tests to ascertain suitability for your requirements.

QUALITY ASSURANCE PERIOD

Product Series			Quality Assurance Period After Manufacturing ／ Storage Requirements
UV Ink	Process 4C, Spot Colors		12 Months ／ Below 25℃
	Gold, Silver, Fluorescent		6 Months ／ Below 25℃*
High Sensitive UV Ink	Process 4C, Spot Colors		6 Months ／ Below 25℃
	Gold, Silver		3 Months ／ Below 10℃
	Fluorescent		3 Months ／ Below 25℃
Oil-based Ink	Process 4C, Spot Colors		18 Months ／ Below 25℃
	Gold, Silver, Fluorescent		12 Months ／ Below 25℃
Flexography Ink	Water-based	Gold, Silver, Fluorescent	3 Months ／ Between 5−25℃
		Pearl	6 Months ／ Between 5−25℃
	UV	Gold, Silver, Fluorescent	3 Months ／ Below 25℃*
		Pearl	3 Months ／ Below 25℃

* We recommend keeping UV Gold and Silver ink in a refrigerator (below 10℃) to avoid deterioration of brilliancy.
UV inks and high sensitive UV inks should be kept in a cool and dark place.
Please refer to the Safety Data Sheet before handling

For further information,
please feel free to contact us

[Contact Information]
Overseas Sales Department
TEL:+81-48-994-4774　FAX:+81-48-994-4784
e-mail:tokyo@megamiink.com
URL: http://www.megamiink.com

Headquarters : 3-1, Ueno 1 Chome, Taito-ku, Tokyo 110-0005 Japan
TEL:03-3832-4111　FAX:03-3831-0812

Tokyo Office
Technical Center : 1-9-5, Oze, Yashio-Shi, Saitama 340-0822 Japan
TEL:048-994-4770　FAX:048-994-4780

Gunma Plant : 705-1, Matsuida, Matsuida-Machi, Annaka-Shi, Gunma, 379-0222 Japan
TEL:027-393-1718　FAX:027-393-0530

U.S. Branch : Megami Ink Mfg. Co., Ltd.−U.S. Branch
1051 Perimeter Drive, Suite 515, Schaumburg, Illinois 60173
U.S.A.　TEL:+1-847-278-1140　FAX:+1-630-635-2254

China Plant : 东莞港日印刷材料科技有限公司
DongGuan GangRi Printing Materials Technology Co.,Ltd
广东省东莞市石排镇田寮工业区崇田路1号
No.1,ChongTian Rd,Tianliao Industrial Zone,ShiPai town,
DongGuan City, GuangDong Province, 523330, China.
TEL:+86-769-3884-6868　FAX:+86-769-3884-9110

Overseas Agents : Agents and distributors throughout the Asian-Pacific

VENUS LION