For a Vibrant World

In 2018, the Toyo Ink Group adopted a new corporate vision for the next ten years, the Scientific Innovation Chain 2027 (SIC27). In accordance with the SIC27, we will carry out and link together the Group’s business activities through science-based methodologies and innovative ideas. In doing so, we aspire to evolve into a company that continues to grow and create value over the next decade through to our 200th anniversary and beyond. Based on the Group’s corporate policy, we have endeavoured to “contribute to the affluence and culture of people worldwide” and ‘create lifestyle value’ - always from the perspective of the consumer.

Under SIC27, we will broaden our interpretation of the corporate policy and aim to realize a world in which not only consumers but all living beings and the environment co-exist harmoniously, and with vitality. With this vision in mind, we will press ahead with our business activities under a newly adopted slogan ‘For a Vibrant World’.
We are a Part of Your Daily Life

We produce many different products that are found in everyday items. Mostly, they are used or seen without much thought given to them, but they are typically close at hand. The Toyo Ink Group consistently offers products and services from the perspective of the consumer, harnessing the technological capabilities we have developed over a century. In doing so, we support the diverse cultures and lifestyles of people around the world.
Drive Innovation in Product Development

The strength of the Toyo Ink lies in the fact that we control all of these materials and knowhow within the Group. We create unique products by adding to these materials and technologies a broad array of functions based on practical applications, such as printability, coating physical properties, durability or electrical characteristics. We will continue to offer higher value-added products to many different situations in life and to new business areas.

High Performance Pigments and their Dispersions, Color Filter Materials, Adhesives, Carbon Dispersions, Making Films, Electromagnetic Shielding Films, Can Coatings, Medical Supplies, Natural Extract, Printing Inks, Packaging Inks, Pre-press

Color Strength, Transparency, Vividness
Coating Properties, Flexibility, Adhesiveness
Dispensability, Particle Micronization
Durability, Electrical Properties
Color Material Design
Polymer Design
Dispersion Processing
Our Global Network

More Than 8,000 Employees in Over 20 Countries

The Toyo Ink Group consists of over 8,000 employees at about 70 member companies in 22 countries spanning Asia, Europe and the Americas. Our factories and offices are located close to our customers so that we can develop and manufacture products localized to meet their needs.

Product Icon Key

- Pigments (PG)
- Color Filter Pastes (CF)
- Display Materials (DM)
- Plastic Colorants (LI)
- Adhesives (AD)
- Can Coatings (CC)
- Plastic Colorants (PC)
- Inkjet Inks (IJ)
- Offset Inks (OI)
- UV-curable Inks (UV)
- EB-curable Inks (EB)
- Metal Decontaminating Inks (MD)
- UV-curable Inks (UV)
- inkjet Inks (IJ)

Japan
- Toyo SC Holdings Co., Ltd.
- Toyocolor Co., Ltd.
- Toyoscher Co., Ltd.
- Toyo Ink Hokkaido Co., Ltd.
- Toyo Ink Tohoku Co., Ltd.
- Toyo Ink Kyushu Co., Ltd.
- ga city Corp.
- Toyo ADL Corp.
- Toyo Ink Engineering Co., Ltd.
- Toyo Ink Graphics Co., Ltd.
- Toyo Ink Graphics Nishinsho Co., Ltd.
- Toyo SC Trading Co., Ltd.
- Toyo FPP Co., Ltd.
- Toyo B-Net Co., Ltd.
- Toyo Visual Solutions Co., Ltd.
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Americas Area
- Toyo Ink International Corp.
- Toyo Ink America, LLC
- LioChem, Inc.
- Toyo Ink Arets Canada Inc.
- Toyo Ink Arets Mexico, S.A. de C.V.
- Toyo Ink Mexico, S.A. de C.V.
- Toyo Ink Brasil Ltda.

European Area
- Toyo Ink Europe Specially Chemicals S.A.S.
- Toyo Ink Europe France S.A.S.
- Toyo Ink Europe N.V.
- Toyo Ink Europe UK Ltd.
- Toyo Ink Europe Deutschland GmbH
- UAB “Toyo Ink Europe Baltica”
- Toyo Printing Inks Inc.

China & Eastern Asian Area
- Toyo Ink SC Holdings Co., Ltd. (branch office in China)
- Tianjin Toyo Ink Co., Ltd.
- Shanghai Toyo Ink Co., Ltd.
- Shanghai Toyo Ink Mfg. Co., Ltd.
- Toyo Adhesive Sheet Processing (Tianjin) Co., Ltd.
- Toyo Ink Arets Ltd.
- Shenzhen Toyo Ink Co., Ltd.
- Shanghai Toyo Ink Mfg. Co., Ltd.
- Jiangsu Toyo Renxin Pigment Co., Ltd.
- Sichuan Toyo Ink Mfg. Co., Ltd.
- Toyo Ink Far East Ltd.
- Dong Da Li Chemical Co., Ltd.
- Toyo Advanced Science Taiwan Co., Ltd.
- Toyo Ink Korea Co., Ltd.
- Hanil Toyo Co., Ltd.
- Sam Young Ink & Paint Mfg. Co., Ltd.

Other Asian Area
- TIPPS Pte. Ltd.
- Toyo Ink (Thailand) Co., Ltd.
- Toyo Ink (Philippines) Co., Inc.
- Toyo Ink Compounds Corp.
- Toyo Ink Vietnam Co., Ltd.
- Toyo Ink Compounds Vietnam Co., Ltd.
- Toyo Ink Indonesia
- PT, Toyo Ink Trading Indonesia
- Toyo Ink India Pvt. Ltd.
- Heubach Toyocolor Pvt. Ltd.
- Toyo Ink Arets India Pvt. Ltd.
- Toyo Ink (Middle East) FZE
- Toyo Ink Arets Middle East FZE

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The Toyo Ink Group is a pioneer and world leader in organic pigment synthesis technology. In fact, our experience in core nano-dispersion technology, in the Colorants and Functional Materials segment, has evolved and been consistently refined over a century of ink and coating manufacturing. Today we have gone beyond traditional printing processes to successfully embrace advanced fields such as color filter pastes for LCDs, color resist inks, carbon nanotubes among many others.

### Our Products

#### Printing & Information

The DNA of the Toyo Ink Group is rooted in the Printing and Information segment which forms the foundation of the Group’s business today. The Group’s strength lies in integrating the whole lifecycle of production, right from raw materials such as pigments and resins down to the delivery of the end-product. This segment delivers diversified offerings such as eco-friendly products and highly functional UV inks, while offering printing process standardization support and other services to its customers.

<table>
<thead>
<tr>
<th>Sub-segments</th>
<th>Key Products</th>
<th>Main Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offset Inks</td>
<td>Offset Inks, Newspaper Inks, Metal Decorating Inks, UV-curable Inks</td>
<td>Books, Magazines, Newspapers, Beverage Cans</td>
</tr>
<tr>
<td>Other</td>
<td>Inkjet Inks</td>
<td>Signs, Labels, Cartons</td>
</tr>
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#### Colorants & Functional Materials

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<tbody>
<tr>
<td>Plastic Colorants</td>
<td>Color Masterbatches</td>
<td>Blow Moulding, Injection Moulding, Extrusion Moulding</td>
</tr>
<tr>
<td></td>
<td>Functional Masterbatches &amp; Compounds</td>
<td></td>
</tr>
</tbody>
</table>

#### Packaging Materials

Today the multi-million dollar packaging industry demands diverse high-performance packaging solutions essential for daily living - especially in food packaging where consumer safety and protection is of paramount importance. Being a frontrunner in the development of biomass solutions coupled with our incessant pursuit for innovation, we offer water-based inks and adhesives that are petroleum-free and solvent-free.

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<td>Offset Inks</td>
<td>Offset Inks, UV Inks, Waterbased Coating, UV Coating</td>
<td>Packaging</td>
</tr>
<tr>
<td>Liquid Inks</td>
<td>Grovure Inks, Flexo Inks and Screen Inks</td>
<td>Flexible Packaging, Construction Materials, Cartons, Labels, Specialty Printing Polymers</td>
</tr>
<tr>
<td>Liquid printing systems and presses</td>
<td>Grovure Printing Systems and Prepresses</td>
<td></td>
</tr>
</tbody>
</table>

#### Polymers & Coatings

Our Polymers and Coatings segment develops solutions indispensable to everyday living, right from automobiles, electronics to medical, healthcare, solar cells for energy and much more. We leverage our original resins, a core material used in our Group products to customize solutions required by our times.

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<td>Adhesives</td>
<td>Adhesives, Laminating Adhesives, Hot Melt</td>
<td>Labels, Displays, Flexible Packaging, Materials, Bookbinding</td>
</tr>
<tr>
<td>Coatings</td>
<td>Adhesive Tapes, Electromagnetic Shielding Films, Marking Films</td>
<td>Double-sided Tapes, Electronics, Signs</td>
</tr>
<tr>
<td>Can coatings and polymers</td>
<td>Internal and External Can Coatings, Resins</td>
<td>Metal Cans, Building Pains</td>
</tr>
</tbody>
</table>
Completed construction of the Seishin Plant in Hyogo, Japan
Established Toyo Ink (Philippines) Co. Inc. in Laguna, Philippines.
Acquired Francolor Pigments S.A. (presently Toyo Ink Europe Specialty Chemicals S.A.S.) in France.
Established PT. Toyo Ink Indonesia in Jakarta, Indonesia.
Enhanced the domestic office network and established Toyo Ink Hokkaido Co., Ltd., Toyo Ink Tohoku- Co., Ltd., Toyo Ink Chushikoku Co., Ltd. and Toyo Ink Kyushu Co., Ltd. as regional branches. Issued the Environmental Report (presently CSR Report).
Established Toyo Ink (Middle East) FZE. in Dubai, United Arab Emirates.
Established Toyo Ink Vietnam Co., Ltd. in Bien Hoa City, Vietnam.
The Toyo Ink Group adopted a holding company system. Toyo Ink Mfg. Co., Ltd. was renamed to Toyo Ink SC Holdings Co., Ltd. and executed a corporate split to establish Toyo Ink Co., Ltd. and Toyochem Co., Ltd. as the core operating companies.
Established Toyocolor Co., Ltd. as the third core operating company.
Acquired Arets International N.V.(presently Toyo Ink Europe N.V.) of Belgium.
Acquired DYO Printing Inks (presently Toyo Printing Inks Inc.) of Turkey.
Established Toyo Visual Solutions Co., Ltd. in Tokyo, Japan
Adopted a new long-term corporate vision of 'Scientific Innovation Chain 2027 (SIC27)' and a new company slogan 'For a Vibrant world'.

Inking Milestones Along the Way

1896 - Founder Kamataro Kobayashi established ‘Kobayashi’s Ink Shop’ as a sole proprietorship for custom mixing of inks
1902 - Registered the winged ‘Lion Mark’ as a trademark of the Company
1907 - Reorganized as a Joint Stock Company, renamed ‘Toyo Ink Manufacturing Co., Ltd.’
1926 - Established first overseas branch office in Shanghai, China
1951 - Entered into a technical support agreement with BASF SE, of United States of America
1954 - Technical cooperation agreement with BASF SE concerning ‘Aridye’ pigment textile printing agent and ‘Finishes’ metal coating agent
1959 - Completed construction of the Kawagoe Plant in Saitama, Japan
1963 - Completed construction of Fuji factory in Shizuoka, Japan
1967 - Stocks listed in the First Section of the Tokyo Stock Exchange
1971 - Started operations of the Mariyama factory in Shiga, Japan.
Established Toyo Ink (Thailand) Co., Ltd. in Bangkok, Thailand.
Established Toyo Seihan Co., Ltd. (presently Toyo FPP Co., Ltd.) in Tokyo, Japan.
Established Toyo Petroliete Co., Ltd. (presently Toyo ADL Corporation) in Tokyo, Japan.
Established Toyo Ink Europe in Brussels, Belgium.
Established Toyo Ink America, LLC in New Jersey, United States of America.
Completed construction of the Saitama factory in Saitama, Japan.
Established Sam Young Ink & Paint Mfg. Co., Ltd. in Incheon, Korea.
1980 - Established Toyo Ink America, LLC in New Jersey, United States of America.
Established Toyo Ink India Pvt. Ltd. in Delhi, India.

Commenced Import of 4 color process inks like TK Hy-Unity and wide gamut Kaleido inks, Heat-set inks from Japan. Commenced work on building Delhi plant in Greater Noida.

2007

Laid foundation stone on a site in Dahej, Gujarat, for its second plant in India. Expanded the Delhi Plant offset ink production capacity to 4000 tons per annum.

2012

Inauguration of Delhi plant Gravure ink factory with production capacity of 1800 tons per annum with added capacity of 4000 tons per annum.

2011

Inauguration of Delhi plant Inkjet Ink production for wide format Inkjet printer.

2008

Inauguration of Delhi plant for offset inks with production capacity of 2400 tons per annum. Commenced Import of Alliphatic inks for retort and Boil applications. Introduced water based gravure lamination inks.

2014

Inauguration of Gujarat Plant offset ink factory with production capacity of 10000 tons per annum.

2013

Inauguration of Delhi plant Gravure ink factory with production capacity of 1800 tons per annum with added capacity of 4000 tons per annum.