



# Moriroku Co., Ltd. Profile



Moriroku has been taking on challenges for 360 years.

When we supplied indigo to the world.

When we began handling synthetic resins.

When we became a manufacturer.

Today, too, as we seek to our 400th anniversary.

Over our long history we have learned to transform ourselves, and we will continue to create new value in the future and exceed customer expectations.

Moriroku is still taking on challenges.

## [ Principles ]

Moriroku Group will create high value with its future-oriented creativity and advanced technologies, while contributing to the global society.

### 1.Compliance

We will comply with domestic and foreign laws and regulations, and aim to become a trusted industrial group through fair and equitable corporate activities.

### 2.Respect for life and dignity

Our corporate members will individually exercise their autonomy and creativity, and respect the personality and individuality of their colleagues.

### 3.Customer satisfaction

We will provide our customers with valuable ideas, high quality services, and fine products to maintain their satisfaction.

### 4.Contribution to society

As a good corporate citizen, we will contribute to society through environmental consciousness and community-oriented corporate activities.

### 5.Progressive spirit

We will make continued efforts to improve our corporate value, by anticipating future trends.

### 6.Total cooperation

We aim to become a corporate group that puts a premium on teamwork and the pursuit of ideals.

- |                                  |                      |  |  |  |                      |
|----------------------------------|----------------------|--|--|--|----------------------|
| [ 1 ] Principles                 | [ 4 ] History        | [ 7 ] Production Division Products                             | [ 10 ] Strength 2: Trusted quality assurance | [ 14 ] The Strengths of Chemicals Division | [ 17 ] Manufacturing |
| [ 2 ] Message from the President | [ 5 ] Sustainability | [ 8 ] Integrated System  | [ 11 ] Strength 3: Global production system  | [ 15 ] Our Businesses                      | [ 18 ] Manufacturing |
| [ 3 ] Network                    | [ 6 ] Latest Topics  | [ 9 ] Strength 1: Proposal Capability<br>Based on Advanced R&D | [ 12, 13 ] Latest Topics                     | [ 16 ] Manufacturing                       | [ 19 ] Latest Topics |



## Built On The DNA Of Our Predecessors, Who Always Aim For “Challenge” Creating New Value That Will Serve As The Foundation Of The Future

The Moriroku Group was founded in 1663 and is Japan's oldest chemical specialty group, with a history spanning over 360 years. We are proud to have built our reputation on the trust of our many customers and business partners, and we are committed to providing new value that anticipates the needs of society.

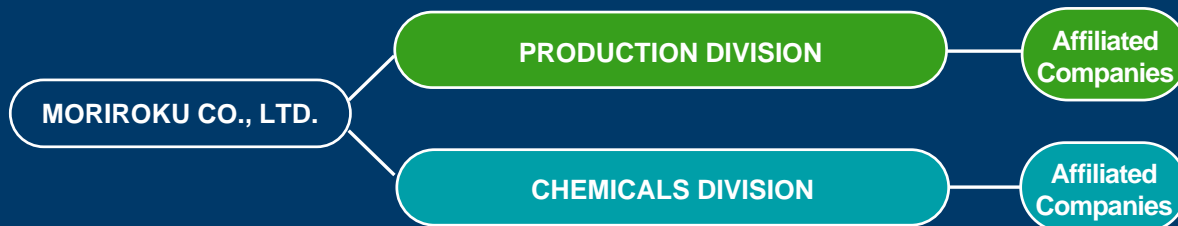
As a public company trusted and needed by society, we will further strengthen our management foundation, focus on co-creation management through constructive dialogue with our stakeholders, and transform ourselves into a Moriroku Group suitable for the new era. We make sustainability the foundation of our management. We create an environment where diverse human resources can thrive and grow, and we contribute to the resolution of social issues and the sustainable development of local communities through our business by practicing ESG management.

Inheriting the "DNA of innovation" cultivated over our long history, We will continue to innovate to build the next future that will make us a 400-year company.

**Naoki Kurose**  
Representative Director,  
President and CEO



**We bring together manufactures of resin molded products and chemicals trading companies that cover a broad range of business fields in order to offer high value-added solutions for customer's needs.**





## Swiftly Responding to Customers' Needs Through Global Network

The Moriroku Group promptly responds to the needs of local customers in 13 countries from 57 locations, including R&D centers, manufacturing plants, sales branches, and offices.

### ASIA

Production Division **10** locations  
Chemicals Division **11** locations

### NORTH AMERICA

Production Division **5** locations  
Chemicals Division **2** locations

### EUROPE

Chemicals Division **3** locations

### JAPAN

MORIROKU Co., Ltd. **1** locations  
Production Division **6** locations  
Chemicals Division **20** locations

[ Regional Offices ]

**14** countries  
**58** locations

See here for details





## Adapt to the Changing Times and Always Challenging to Create New Value

The beginnings of the Morioku Group can be traced back to the year 1663 in the former province of Awa in Tokushima Prefecture. Over the centuries, since our initial forays in trading indigo and fertilizer, we have kept up with changing times as chemical products became widespread and industries became globalized.

See here for details



1663

### Foundation

The first Yasubei Mori, the founder of Morioku, started trading indigo leaf balls and their fertilizers in Awa Province (Tokushima Prefecture).



A Morioku newspaper ad from the late 1800s



Indigo dyeing

1909

### Entering the modern chemicals industry

Adapting to the changing times, we started handling synthetic dyes after importing Indian indigo and artificial indigo.



Morioku's office in the earlier years

1958

### Establishing manufacturing-sector business

Honda Motor Co., Ltd. used low-pressure polyethylene, Hi-Zex for its Super Cub motorbike, and our resin processing business was launched.



Completed Suzuka Plant (1965)



Kanto Plant begins operations (1980)

1986

### Global expansion

We established our first overseas business and production center, Greenville Technology, Inc., in Ohio, U.S.A.



Greenville Technology, Inc.

2017

### Listing on the first section of the Tokyo Stock Exchange

With the listing of our shares, we made a new start aimed at our 400th anniversary, looking to make an even greater contribution to all our stakeholders.



Listing on the first section of the Tokyo Stock Exchange

*Aiming for 400 years.*



## Contributing to The Future of Global Society

In the 360 years since its foundation, the Morioku Group has continued to engage in business with the support of its many stakeholders. Under the Morioku Group Sustainability Policy, we aim to become a "400-year company" that is increasingly expected and sought after by all stakeholders by engaging in business activities that take all stakeholders into consideration and by contributing to the resolution of social issues.

See here for details



### Morioku Group Stakeholders



### [ The Sustainability Policy of the Morioku Group ]

**Based on our management principles, we, the Morioku Group, and our stakeholders will co-create the value required by the new age and contribute to the sustainable growth of society.**

- We will work to solve social issues beyond conventional business areas by leveraging the Group's functions and resources to the fullest.
- We will aim for a sustainable mobility society through innovative manufacturing that contributes to carbon neutrality and the cyclical use of resources.
- We will contribute to the achievement of an ecological, recycling-based society by providing green chemicals throughout the entire supply chain.
- Based on a foundation that respects human rights, we will continue to create new value through an organization that pursues employee wellbeing and in which diverse personnel participate actively and work with satisfaction.
- We will nurture mutual trust via highly transparent and honest business activities, understanding the expectations and requests of society through dialogue with stakeholders.



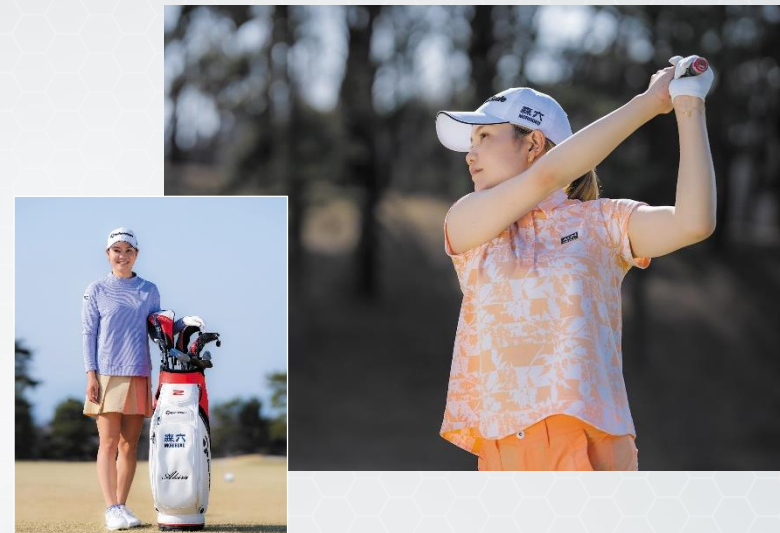


**Respect each other's individuality through all corporate activities and contribute to the sustainable growth of society**



Based on the "Human Rights Policy" formulated as the Moriroku Group's basic stance in line with our Management Philosophy and Action Guidelines, we will conduct our business activities in consideration of human rights throughout our global supply chain to enhance the resilience of our management.

**Supporting female pro golfer Akira Yamaji**



With the idea of "growing together and taking on the world," the Moriroku Group has had a sponsorship agreement with golfer Akira Yamaji since September, 2019. We have a dedicated website that provides regular updates on Akira's latest achievements. We hope you will join us in supporting her.

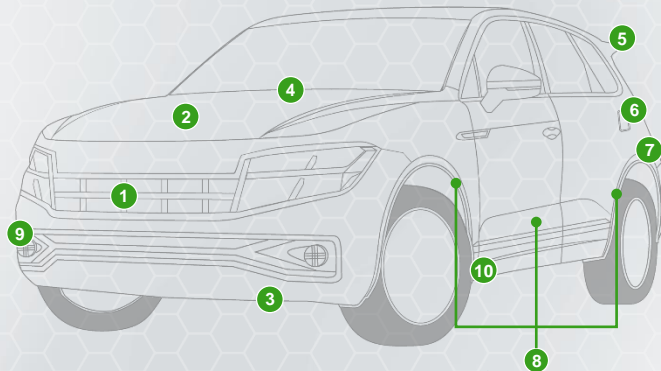


## Meeting the Increasingly Complex Needs of the Mobility Industry Creating High-Quality Products with Diverse Technology

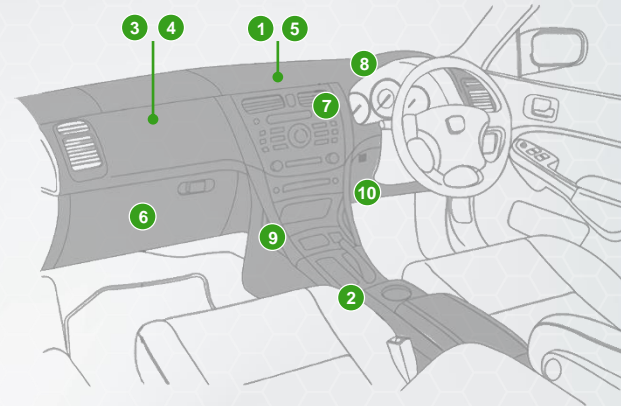
We offer a broad lineup, including resin molded parts for automobiles, motorbike bodywork parts, and functional parts. The ideas we generate through proposal-oriented development based on market needs are subjected to prototyping and testing and turned into polished designs. These designs then become mass-produced products, manufactured in factories around the world to optimal quality standards.



See here for details  
on  
four-wheel and two-  
wheel  
vehicle parts



Four-Wheel Vehicle Exteriors



Four-Wheel Vehicle Interiors

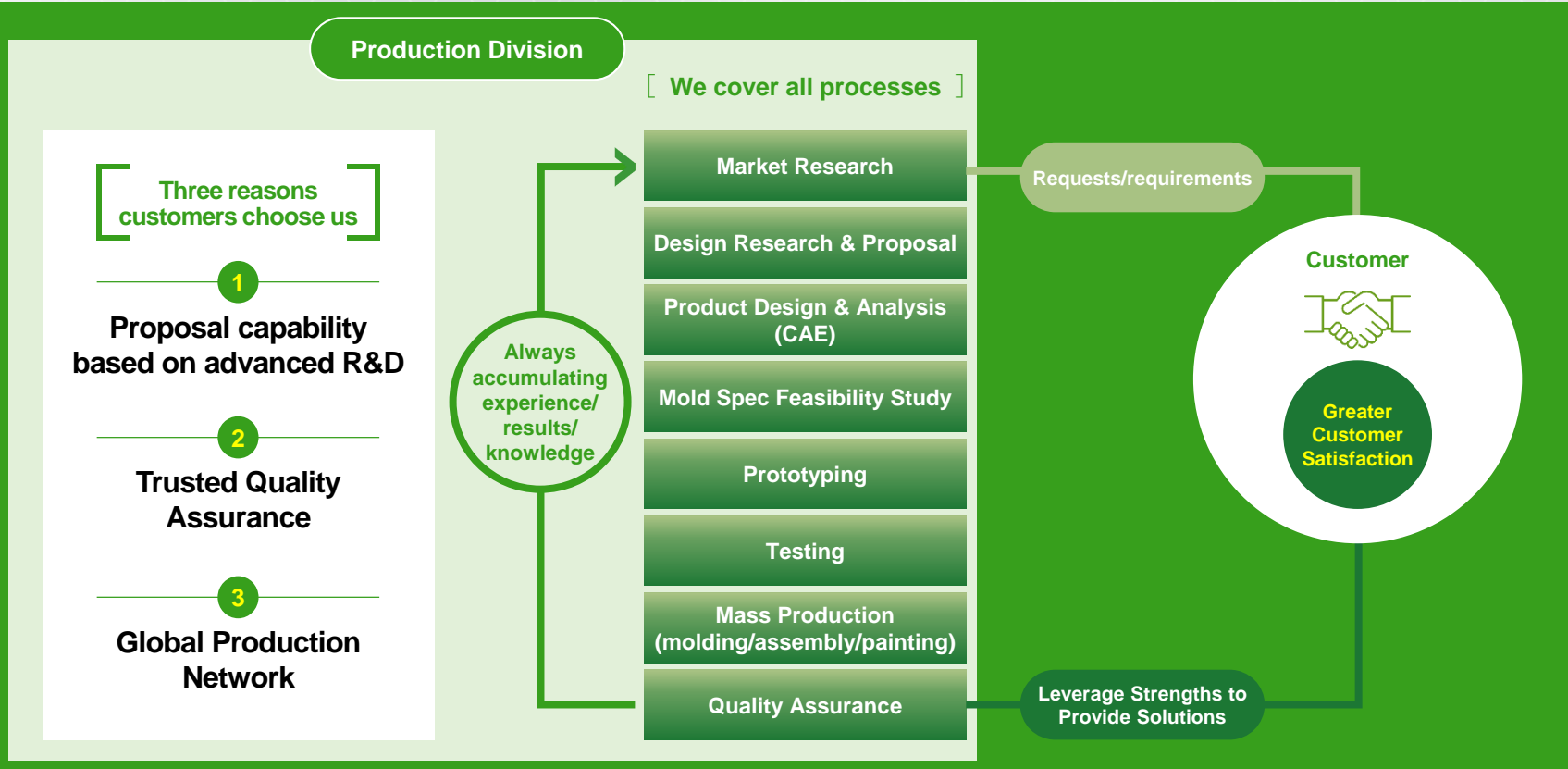




## An integrated System Covers from Planning to Mass-Production, Offering Solutions that Exceed Customer Expectations

We have built an in-house system that integrates all processes, from product planning and design to mold design and refining, prototyping, testing, and mass production. The progress toward final delivery and issues encountered are managed from a multi-faceted perspective. As well as generating greater customer satisfaction, the continuous PDCA cycle means we keep amassing new knowledge.

See here for details





## As a Powerful Partner of Mobility Manufacturers, We are Making the Future of Cars a Reality.

We identify and anticipate automobile industry trends and global market needs based on a well-understood user viewpoint, and proactively and repeatedly offer proposals to mobility makers. In this way, we become partners in making future mobility concepts a reality.

See here for details



### Advanced R&D steps



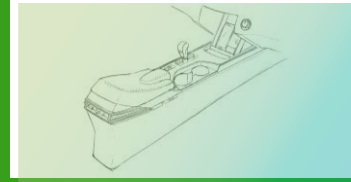
#### [ STEP 1 ] Market Research

- Attend exhibitions around the world and conduct local surveys
- Investigate trends and analyze superior technologies and ideas



#### [ STEP 2 ] Identify & Anticipate Needs

- Sort user needs based on market surveys
- Predict mobility industry trends that are likely to become reality in the near future



#### [ STEP 3 ] Concept Design

- Construct new concepts
- Perform detailed design and analysis to turn them into reality



#### [ STEP 4 ] Mock-Up Proposal

- Create realistic Mock-up
- Conduct presentations for mobility makers





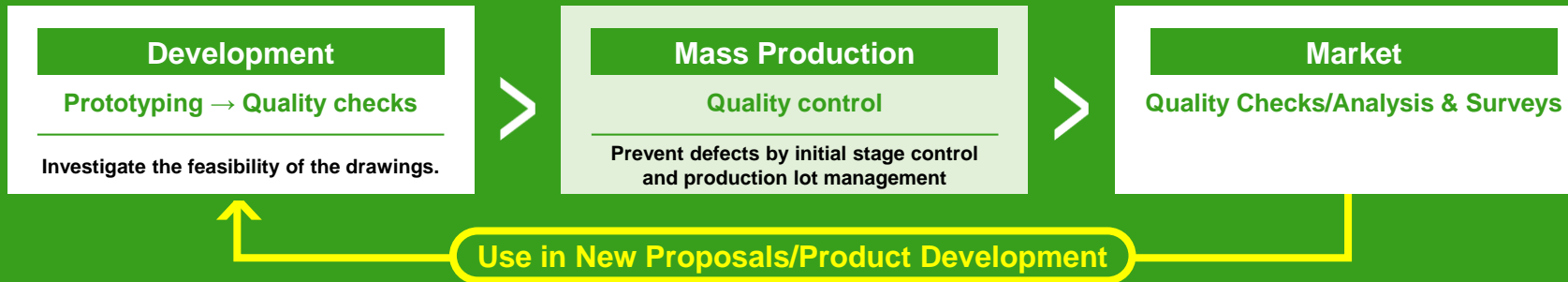
## Utilize Knowledge in New Product Development to Pursue High Quality

We take knowledge gained from analysis of actual usage conditions and apply it in the design of new products, then subject the designs to in-house quality assessments and reliability testing. Umbrella organizations for Japan and North America perform quality control for each region and establish unified global quality levels.

See here for details



### PDCA Cycle of Quality Assurance



Japanese umbrella organization backs up manufacturing bases in all regions



Moka Technical Research Center

### Global Quality Assurance System

● R&D base (umbrella organization)

● Manufacturing bases

Share know-how

North American umbrella organization backs up manufacturing bases in all regions



Moriroku Technology North America Head Office & R&D

### Testing Facilities



Electron microscope analysis



Environment vibration testing



Wind tunnel testing



Operating durability testing using robots



## Our Production Sites are Strategically Located in Key Markets Around the Globe, offering mobility makers with unparalleled manufacturing support

By locating ourselves right next to mobility makers around the world, we help mitigate production risks. As well, we meet the diverse needs of different regions with a range of decorative technologies, such as integrated molding with in-mold films and paints for interior or exterior parts, both large and small.

See here for details



### Local supply in each region



#### Merits for Mobility Makers

- Increased local procurement reduces customs costs
- Protection against currency fluctuations
- Flexible response to needs (volume)
- Reduced lead times

### Wide Lineup of Decorative Technologies



Provide New Products matched to market needs

ASIAN Market

JAPANESE Market

North America Market

Manufacturing bases

#### [ Production Division Decorative Technologies ]

Molded-in decorative technologies	Two-layer decorative method
Painting	Interior/exterior painting
Film decorative technology	In-mold technique
	Insert molding
	Hot stamp method
	FILM laminating method
Surface material decorative technology	Recess vacuum forming
	MSM sheet method
	FILM laminating method (Sheet fitting)



Interior/exterior products painting



Sheet integration



## First Mass-Production for Exterior Hot-stamp



The first mass production of Exterior parts(radiator grilles) using hot stamping decoration, which is an alternative to plating process, contributing to reduction of environmental impact.

Moriroku Group has developed a highly expandable foil and a proprietary construction method that effectively adheres to the foil. This unique method improves the design of automobile interior and exterior parts.

## Proposing a New Interior Value that Combines Comfort and Design



In recent years, with the shift to electric vehicles and automated driving, mobility have shifted from "how they drive" to "how they spend their time," and more comfort is demanded in the cabin space. We added new value to the interior by dividing and diffusing the airflow and drawing the distributed air into the central area between the two airflows to create a soft and comfortable air-conditioned breeze. This air vent creates a large decorative surface on the front and achieves a high level of design by changing effects such as shading and gradation through lighting.



## Reducing Petroleum-Derived Materials & Express the Value of Plant-Derived Materials



Although environmentally friendly materials help protect the environment, they may not always be seen as valuable. Morioku Group has developed expertise in determining the optimal blending ratio to maintain reliable onboard quality, which is a challenge for sustainable materials, and in designing molded product shapes that meet physical property requirements.

## Excellent Harmony with Ambient Lighting Combines Design and Rationalization

※We are experienced in multi layer mass production.

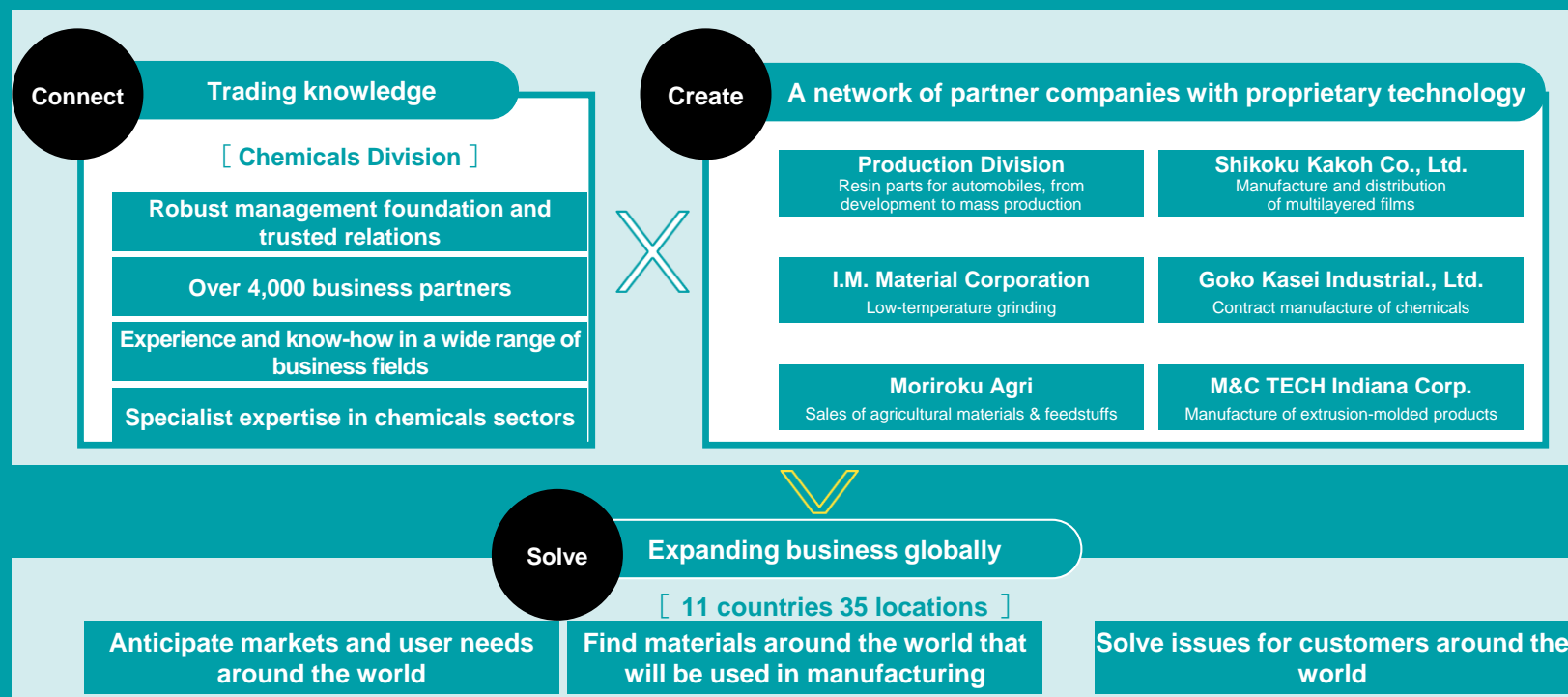


Morioku Group has developed a technology to sandwich a printed film between the surface layer and the base material layer using a unique mold concept, which has increased the variation of multilayer decoration. We challenged to develop a highly sophisticated technology for injection molding a light guide at the same time as the surface layer. This approach enabled the creation of a streamlined design that integrates decoration and lighting with a minimum number of mold structures and parts.



## Connect, Create, Solve... Solutions Provider that Responds to Customer Needs

We connect people to people, and people to materials. We concentrate the technology and ideas of the Group's companies to create new value through chemical products. We continue to apply our collective capabilities to take on challenges and solve issues faced by users and society.





## We Conduct Six Business Fields, Providing Total Support for Customers in a Wide Range of Sectors

From food, lifestyle, and homes to electronics, we meet needs in a wide range of sectors.



### 1 Fine Chemicals

Chemicals Division is globally expanding contract manufacturing based on manufacturing craftsmanship in the three major fields of fine chemicals, functional materials, and food and healthcare.



### 2 Coatings

We offer a wide range of products including basic chemicals and special function products to customers in the areas of coatings, such as paints and inks, industrial chemicals, and environment and energy.



### 3 Electronic Chemicals

We provide semiconductor materials, optical sheets, LED materials, and heat dissipation materials globally, with a focus on the electronic components market.



### 4 Lifestyle materials

In each sector from homebuilding and construction to lifestyle and environment, we globally procure and provide synthetic resin raw materials and resin treated parts that meet customer needs in Japan and overseas.



### 5 Mobility Materials

As a solutions provider, we work with customers from the development stage, helping to coordinate joint development using the latest materials and cutting-edge technology. We meet customer needs with global supply chains.



### 6 Resin-Treated Products

Our organization unites manufacturing subsidiaries and manufacturing affiliates that possess resin forming technology, and thereby creates new value in the "monozukuri" (manufacturing) sector.





## Cooperating with Partner Companies in Manufacturing

We bring together an information gathering capacity that is supported by our global network and the advanced technological capabilities of our group companies to develop and provide high-performance materials that meet customer needs.



Manufacture and sales of  
co-extrusion multilayer films

### Example Case

### Flexibly proposing products that meet customers' needs that changes with the time

High-gloss, high-transparency film suitable for the food industry that satisfies the best mechanical suitability and label adhesion properties, etc.



Clean and aseptic medical film produced under strict quality control to provide product safety and security

Shikoku Kakoh has been delivering films to our customers by making full use of our technology, knowledge, development capabilities, clean environment, and after-sales maintenance that we have continued to refine over the past 40 years, as well as our ability to respond to customer needs for food, medical, and semiconductor films and our delivery record. The performance and functions required by our customers vary widely, and we have developed a broad product lineup to meet the needs of each customer.

### [Polyethylene Resin Formed in Corrugated Shape]

**Helps reduce resource consumption while still being easy to work with and highly durable.**

We use our resin molding and processing technology for other products besides multi-layer film. For over 40 years now, we have been the only Japanese manufacturer of APTON® corrugated plastic, made from polyethylene resin formed into a corrugated shape. The rigidity and cushioning properties of this corrugated plastic can be easily changed. This and the fact that it is made with recycled materials mean it is used in a wide range of industrial sectors for parts and packaging materials in which environmental impact reduction and reduced resource consumption are considerations.



APTON® used in containers for delicate seedlings





**Contract manufacture  
of chemicals**



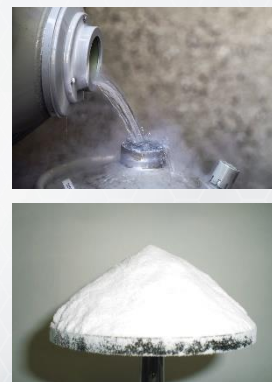
**Low-  
temperature  
grinding**



## Example Case

**Expanding business in the fine chemicals sector by making use of technology developed in dye synthesis and bromination reactions**

We provide synthetic reactions, crystallization, solid-liquid separation, and purification services for chemical product intermediates. In addition to handling chlorination, bromination, functional materials containing fluorine, and agricultural chemical intermediates, we have been responding to demand in recent years and moving into the recycling and environmental businesses, and building results and experience in a wide range for sectors including industrial chemicals, automobiles, agricultural chemicals, and electronics materials.



## Example Case

**We use cold liquid nitrogen (-196°C) to create powders required for development materials from substances that are difficult to crush at normal temperatures**

Under exacting quality control standards, we crush heat-sensitive materials at a chilly -196°C. These materials, which include elastomers and low-melting point resins, cannot be crushed at normal temperatures. The resulting powders can then be mixed uniformly with various other materials. Using university and pharmaceutical company networks, we prototype and develop machinery and devices for crushing and related work in the field of fine particles.





## Sales of agricultural materials and feedstuffs

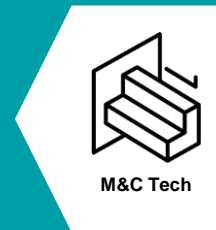
- Sales of Fertilizers, Agrichemicals
- Process and Sales of agricultural films and feedstuffs
- Sales of Agricultural products
- Sales of golf course materials (fertilizers, pesticides, colorants)



### Example Case

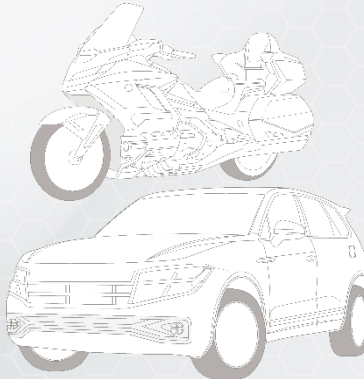
#### Plant-derived bio-stimulant agent supporting sustainable agriculture

Naturally derived bio-stimulants are highly safe for plants, people, and the environment. They support healthy crop growth by alleviating various external stresses such as high temperatures and drought, and reducing the use of pesticides and chemical fertilizers.



## Plastic profile extrusion molding

- Profile extrusion molding
- Post-processing of extrusion molded products (welding, notch pressing, and tape fastening)



### Example Case

#### Using the collective capabilities of the group to build the future of mobility

CASE, MaaS, and the smart city concept represents once-in-a-century period of great change and the future of related mobility is expanding greatly beyond the categories of two & four wheeled vehicles. Chemicals Division will continue to anticipate the future of mobility by consolidating group's proprietary expertise in automotive materials and resin-treated products.



**Creating new value through a strong overseas network with a focus on Asia, where high economic growth rates are expected**



Following India, representative office in Vietnam commenced its operation in 2023. In the fields of "Fine Chemicals," "Automotive Materials," "Resin Treated Products," "Coatings," "Electrical and Electronics," and "Lifestyle Materials," Moriroku aim to develop promising markets in Asia, where further economic growth is expected, and expand our business by pursuing added value through our strong network with Israel, Europe, and the United States.

**Taking multifaceted approach to create practical application, from material procurement to resin material development and mass production**



Plastics, with their excellent durability and low manufacturing costs, are indispensable materials for automobiles, and various research and development efforts are underway to contribute to the global environment, including the development of recycled plastics and bio-plastics. The Moriroku Group is also working on the practical application of plastics in automotive parts through a multifaceted approach, utilizing its strengths and technologies in areas ranging from material procurement to compounding, design, and analysis.



## MORIROKU COMPANY, LTD.

Head office	Shin Aoyama Building East (18th floor), 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 TEL +81-3-3403-6102
President and CEO	Naoki Kurose
Founded	1663
Incorporated	March 1916
Capital	1,640 million yen
Main business	Manufacturing, sales, import and export of chemical products, as well as the manufacturing, processing, sales, import and export of synthetic resin products such as components and functional parts for automobiles and motorcycles
Number of employees (consolidated)	4,360 (as of March 31, 2025)
Sales	146.1 billion yen (consolidated basis), April 2024 – March 2025
URL	<a href="https://www.moriroku.co.jp/english/">https://www.moriroku.co.jp/english/</a>

## PRODUCTION DIVISION

Head Office	Shin Aoyama Building East (18th floor), 1-1, Minamiaoyama, 1- chome, Minato-ku, Tokyo 107-0062 TEL +81-3-3403-6596
Main business (consolidated)	Manufacture and distribution of synthetic resin products
Lines of business	Four-wheel vehicle parts, two-wheeler parts, electric tool parts
Offices	Head Office Technical Research Center Plants/Suzuka, Kanto
Affiliated Companies	Yukou Co., Ltd. Kumamoto Moriroku Kasei Co., Ltd. Moriroku Technology North America Inc. Listowel Technology, Inc. Guangzhou Moriroku Technology Co., Ltd. Wuhan Moriroku Technology Co., Ltd. Moriroku Philippines, Inc. Moriroku Technology (Thailand) Co., Ltd. Pt. Moriroku Technology Indonesia Moriroku Technology India Pvt. Ltd.

## CHEMICALS DIVISION

Head Office	Shin Aoyama Building East (18th floor), 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 TEL +81-3-3403-6179
Main business (consolidated)	Manufacture, distribution, importing and exporting of chemical and synthetic resin products
Lines of business	Electronic materials, Mobility materials, Coating, Industrial chemicals, Fine chemicals, Food products, Industrial materials, Daily life materials, Environmental materials, Packing materials, Agricultural materials, Engineering plastic products
Offices	Head Office Offices/Osaka, Nagoya, Shikoku Branches/Akashi
Affiliated Companies	Shikoku Kakoh Co., Ltd. Goko Kasei Industrial Co., Ltd. I.M. MATERIAL Corporation Moriroku Agri Co., Ltd. Moriroku (Shanghai) Co., Ltd. Moriroku (Guangzhou) Trading Co., Ltd. Moriroku (Tianjin) Co., Ltd. Moriroku (Singapore) Pte., Ltd. Moriroku (Thailand) Co., Ltd. Moriroku Chemicals Korea Co., Ltd. Pt. Moriroku Chemicals Indonesia Moriroku Austria GmbH Moriroku America, Inc. M&C Tech Indiana Corporation MORIROKU CHEMICALS INDIA PRIVATE LIMITED



## Offices in Japan

### MORIROKU CO., LTD.

#### Head Office

Shin Aoyama Building East (18th floor), 1-1,  
Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062  
TEL +81-3-3403-6102

### PRODUCTION DIVISION

#### Technical Research Center

689-9, Terauchi, Moka-shi, Tochigi 321-4345  
TEL +81-285-80-6300

#### Suzuka Plant

2102-17, Azakita-shimonowari, Ifuna-cho, Suzuka-shi, Mie 519-0323  
TEL +81-59-371-6520

#### Kanto Plant

817, Higashishin-machi, Ota-shi, Gunma 373-0015  
TEL +81-276-36-1000

### Chemicals Division

#### Osaka Office

20F, Nakanoshima-Dai Building, 3-23, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-6120  
TEL +81-6-6443-5744

#### Nagoya Office

5F, BiZrium Nagoya, 3-1-17, Noritake Shinmachi, Nishi-ku, Nagoya-shi, Aichi 451-0051  
TEL +81-52-563-3525

#### Shikoku Office

3-12, Tomidahama, Tokushima-shi, Tokushima 770-0931  
TEL +81-88-622-6168

#### Akashi Branch

Room 701, Ikeuchi No.5 Buioding (7F),  
8-34, Taruya-machi, Akashi-shi, Hyogo 673-0898  
TEL +81-78-919-6500

## Affiliated Companies in Japan

### PRODUCTION DIVISION

#### Yukou Co., Ltd.

59, Mukouhara, Yamakita-machi, Ashigarakami-gun, Kanagawa 258-0111  
TEL +81-465-75-2815  
Capital 20 million yen  
Business Manufacture and sale of parts for motorcycles and automobiles

#### Kumamoto Moriroku Kasei Co., Ltd.

2527, Hirakawa, Otsu-cho, Kikuchi-gun, Kumamoto 869-1231  
TEL +81-96-293-1000  
Capital 10 million yen  
Business Manufacture and sale of parts for motorcycles and automobiles

### CHEMICALS DIVISION

#### Shikoku Kakoh Co., Ltd.

516-1 Nishiyama, Higashikagawa-shi, Kagawa 769-2797  
TEL +81-879-23-3111  
Capital 220 million yen  
Business Manufacture, processing and sale of synthetic resin film

#### Goko Kasei Industrial Co., Ltd.

37, Gosei-cho, Ohmuta-shi, Fukuoka 836-0891  
TEL +81-944-56-5395  
Capital 30 million yen  
Business Sale and manufacture of dyes, coating compounds and agricultural intermediate products

#### I.M. MATERIAL Corporation

13F Ujiden Bldg., 4-8-17, Nishitenma, Kita-ku, Osaka-shi 530-0047  
TEL +81-6-6530-1011  
Capital 50 million yen  
Business Cryogenic grinding of plastics and custom and consignment production

#### Moriroku Agri Co., Ltd.

73-1, Hiraishi-Wakamiya, Kawachi-cho, Tokushima-shi, Tokushima 771-0137  
TEL +81-88-665-3339  
Capital 30 million yen  
Business Sales of fertilizers, agrichemicals, agricultural materials, agricultural products, and feedstuffs



## Affiliated Companies in Overseas

### PRODUCTION DIVISION

#### Moriroku Technology North America Inc.

15000 Industrial Parkway, Marysville, Ohio 43040, U.S.A.  
TEL +1-937-738-7821  
Capital 17 million US dollars  
Business Manufacture and sale of parts for automobiles

#### Listowel Technology, Inc.

1700 Mitchell Road South, Listowel, Ontario,  
Canada N4W 3H4  
TEL +1-519-291-9900  
Capital 17.8 million Canadian dollars  
Business Manufacture and sale of parts for automobiles

#### Guangzhou Moriroku Technology Co., Ltd.

No.13 Tien Yuan Dong Road, Yonghe Economic Zone,  
Guangzhou Economic Zone, Guangzhou, Guangdong,  
China  
TEL +86-20-8297-0096  
Capital 8 million US dollars  
Business Manufacture and sale of parts for automobiles

#### Wuhan Moriroku Technology Co., Ltd.

No.216, Sandian Middle Road, Jinghe street, Dongxihu  
District, Wuhan, P.R.C  
TEL +86-27-8389-8808  
Capital 8 million US dollars  
Business Manufacture and sale of parts for automobiles

#### Moriroku Philippines, Inc.

115, North Science Avenue, Laguna Technopark, Binan  
4024, Laguna, Philippines  
TEL +63-49-541-2892  
Capital 200 million Philippine pesos  
Business Manufacture and sale of parts for automobiles

#### Moriroku Technology (Thailand) Co., Ltd.

Pinthong 1 Industrial Estate, 789/170 Moo 1, Tambol  
Nongkham, Amphur Sriracha, Chonburi 20230, Thailand  
TEL +66-3-834-8288  
Capital 450 million Thai bahts  
Business Manufacture and sale of parts for automobiles

#### Pt. Moriroku Technology Indonesia

Surya Cipta City of Industry, Jl. Surya Lestari KAV. I-2IJ,  
Kutamekar, Ciampel, Karawang, Jawa Barat, 41361,  
Indonesia  
TEL +62-26-7863-7716  
Capital 17 million US dollars  
Business Manufacture and sale of parts for automobiles

#### Moriroku Technology India Pvt. Ltd.

B/6-11, Sector-81, Phase- II , Noida-201 305, Distt. Gautam  
Budh Nagar, Uttar Pradesh, India  
TEL +91-120-2-568573  
Capita 505.931 million Indian rupees  
Business Manufacture and sale of parts for automobiles  
and motorcycles

### CHEMICALS DIVISION

#### Moriroku (Shanghai) Co., Ltd.

Room A-2510, Far East International Plaza, No. 319  
Xianxia Road, Changning District, Shanghai, China  
TEL +86-20-2208-2133  
Capital 250,000 US dollars  
Business Export, import, and sales of chemical goods  
and resin products

#### Moriroku (Guangzhou) Trading Co., Ltd.

Room 2702-03, China Shine Plaza, No. 9, Lin He Xi Road,  
Tianhe District, Guangzhou, P.R.China 510610  
TEL +86-20-2208-2133  
Capital 300,000 US dollars  
Business Export, import, and sales of chemical goods  
and resin products

#### Moriroku (Tianjin) Co., Ltd.

RM. 3207, 32F, The Exchange Tower 1, No.189, Nanjing  
Road, Heping District, Tianjin 300051, P.R.China  
TEL +86-22-8319-2358  
Capital 540,000 US dollars  
Business Export, import, and sales of chemical goods  
and resin products

#### Moriroku (Singapore) Pte., Ltd.

35 Selegie Road, #09-21 Parklane Shopping Mall,  
Singapore 188307  
TEL +65-6336-2280  
Capital 700,000 Singapore dollars  
Business Export, import, and sales of chemical goods  
and resin products

#### Moriroku (Thailand) Co., Ltd.

8th Floor, Maneeya Center Building 518/5, Ploenchit Road,  
Kwaeng Lumpini, Khet Patumwan, Bangkok 10330,  
Thailand  
TEL +66-2-652-0607  
Capital 100 million Thai bahts  
Business Export, import, and sales of chemical goods  
and resin products

#### Moriroku Chemicals Korea Co., Ltd.

Samsung Jeil Bldg. 9F, 309 Teheran-ro, Yeoksam-dong,  
Gangnam-gu, Seoul 06151, Korea  
TEL +82-2-527-2700  
Capital 990 million won  
Business Export, import, and sales of chemical goods  
and resin products

#### Pt. Moriroku Chemicals Indonesia

M Gold Tower Office 17th Unit8 Jl. K.H. Noer Alie, Bekasi  
Selatan 17148 Jawa Barat, Indonesia  
TEL +62-21-2808-7120  
Capital 2,500 million Indonesian rupiah  
Business Export, import, and sales of chemical goods  
and resin products

#### Moriroku Chemicals India Pvt. Ltd.

Suite No.1208, Altrade Business Centre, 12th Floor, DLF  
Building No.10, Tower-B, DLF Cyber City, Phase 2,  
Gurugram, Haryana-122002  
TEL +91-124-643-4419  
Capital 30 million Indian rupees  
Business Business development and procurement and  
sale of raw materials in India and surrounding  
countries

#### The Representative Office of Moriroku Chemicals Co., Ltd. in Ho Chi Minh City

25F, Lim Tower, 9-11 Ton Duc Thang Street, Ben Nghe  
Ward, District 1, Ho Chi Minh City, Vietnam.  
TEL +84-28-7302-1877

#### Israel Representative Office

4F., Herzliya Star Building 4 Ha-Sadna'ot Street P.O Box  
4137 Herzliya 4672831 Israel  
TEL +972-9-954-8298

#### Moriroku Austria GmbH

Heiligenstaedter Strasse 50-52/10, 1190, Vienna, Austria  
TEL +43-1-369-2005-11  
Capital 300,000 euros  
Business Export, import, and sales of chemical goods  
and resin products

#### Moriroku America, Inc.

15000 Industrial Parkway, Marysville, Ohio 43040, U.S.A.  
TEL +1-937-553-9235  
Capital 650,000 US dollars  
Business Export, import, and sales of chemical goods  
and resin products

#### M&C Tech Indiana Corporation

1928 Technology Drive, Washington, IN 47501, U.S.A.

#### Moriroku Co., Ltd., Germany Representative Office

Regus, 5th Floor Königsallee 92a 40212 Düsseldorf  
Germany



## PRODUCTION DIVISION

| AUDI AG /Honda Motor Co.,Ltd./Honda R&D Co.,Ltd./Honda Access Corp./ Nissan Motor Co.,Ltd./Nissan Shatai Co.Ltd  
Toyota Motor Corp. / Volkswagen AG

## CHEMICALS DIVISION

| ADEKA CORPORATION/Agan Chemical Manufacturers/Aica Kogyo Co.,Ltd./Aishin Chemical Co.,Ltd./AISIN CORPORATION/  
Alfa Corporation/Asahi Group Foods, Ltd./Asahipen Corporation/BASF Japan Ltd./DAICEL-ALLNEX LTD./Daicel Corporation/  
Daikin Industries,Ltd./DIC Corporation/DYNACHEM GROUP/EXEDY Friction Material/Envalior/Fuji Polymer Industries Co.,Ltd./  
Fujicco Co., Ltd./Fukusuke Kogyo Co./GLOBAL POLYACETAL CO., LTD./Harima Chemicals, Inc./Honda Motor Co., Ltd./ICL JAPAN Ltd./  
Japan Polyethylene Corporation/JSR Corporation/Kansai Paint Co.,Ltd./Kao Corporation/Kawasaki Motors, Ltd./Kuraray Co.,Ltd./  
KYOEISHA CHEMICAL Co.,LTD./LANXESS AG/LINTEC Corporation/Lion Specialty Chemicals Co.,Ltd./MITSUI BUSSAN CO.,LTD./  
MITSUI BUSSAN CHEMICALS CO.,LTD./MITSUI BUSSAN PLASTICS CO.,LTD./Mitsui Chemical Co.,Ltd./  
Mitsui Chemicals Tohcello, Inc. /Mitsubishi Chemical Corporation/Mitsubishi Electric Corp./Mitsubishi Engineering-Plastics Corp./  
Momentive Performance Materials Japan/Murata Manufacturing Co., Ltd. /New Japan Chemical Co.,Ltd./Nichia Chemical Industries,Ltd./  
NIPPON A&L INC./Nippon Chemicals, Co.,Ltd./NOF CORPORATION/Nippon Electric Glass Co.,Ltd./Nippon Nyukazai Co.,Ltd./  
Nippon Paint Co.,Ltd./Nippon Shokubai Co.,Ltd./NIPPON STEEL Chemical & Material Co., Ltd./Nisshinbo Brake Inc./  
NITTO DENKO CORPORATION/NS Advantech Co., Ltd./Nuvoton Technology Corporation Japan (NTCJ)/  
Okumoto Flour Milling Co.,Ltd./Otsuka Chemical Co.,Ltd./Otsuka Foods Co.,Ltd./Otsuka Pharmaceutical Group/  
Otsuka Poly-tech Co.,Ltd./OSAKA ORGANIC CHEMICAL INDUSTRY LTD./Resonac Corporation/Resonac Holdings Corporation/  
SB-KAWASUMI LABORATORIES, INC./SEKISUI CHEMICAL CO.,LTD./Perstorp Japan Co.,Ltd./PLAZIT/Polyplastics Co., Ltd./  
Polyram Plastic Industries Ltd./Prime Polymer Co., Ltd./Rock Paint Co.,Ltd./SANSHIN KAKO CO.,LTD./  
Sanyo Chemical Industries, Ltd./Sharp Corporation/Shin Dai-Ichi Vinyl Corporation/SHINTO PAINT CO.,LTD./SHOWA GLOVE Co./  
SHIN-NAKAMURA CHEMICAL/Sumitomo Bakelite Co.,Ltd./Sumitomo Chemical Co.,Ltd./Teica Corporation/TEIJIN LIMITED/  
Texchem Group of Companies/TENMA CORPORATION/TOAGOSEI CO.,LTD./TOKAI KOGYO CO.,LTD./Tokyo OhkaKogyo Co.,Ltd./  
Tokyo Printing Ink Mfg. Co.,Ltd./TIGERS POLYMER CORPORATION./Tokiwa Industrial Co.,Ltd./Toray Industries, Inc./  
Techno-UMG Co., Ltd./Vuteq Corp./W.R.Grace etc.

## Main Financing Bank

### MORIROKU CO., LTD.

| Sumitomo Mitsui Banking Corporation/The Awa Bank, Ltd./Resona Bank, Limited./MUFG Bank, Ltd./  
Sumitomo Mitsui Trust Bank, Limited/Mizuho Bank, Ltd.



## ■Basic Chemical Products

- **Phenol and its derivative products**  
Phenol, Bisphenol A, Nonylphenol ,etc.
- **Methanol and its derivative products**  
Methanol, Formalin, Paraformaldehyde, etc.
- **Organic acid**  
Phthalic anhydride, Isophthalic acid, Maleic anhydride, Succinic acid, Adipic acid, etc.
- **Acetic acid and its derivative products**  
Acetic acid, Ethyl acetate, Butyl acetate, Vinyl acetate monomer, PVA, etc.
- **Acrylic acid, Methacrylic acid**  
Acrylic acid, Acrylic esters, Methacrylic acid, Methacrylic esters, etc.
- **EO, PO and its derivative products**  
EO, EG, PEG, Ethanolamine, PO, PG, PPG, etc.
- **Polyhydric alcohol and glycerin**  
Pentaerythritol, Trimethylol propane, Neopentyl glycol, Glycerin, etc.
- **Organic solvent**  
Toluene, Xylene, Cyclohexane, IPA, Acetone, MEK, MIBK, Cyclo hexanone, Ethylene glycol monoethyl ether acetate, PMAC, Glycol ethers, DMF, N-MP, DMSO, Dichloromethane, ODCB, etc.
- **Inorganic medicine**  
Bromine, Sulfur, Sulfuric acid, Caustic soda, Magnesium sulfate, Magnesium chloride, Hydrogen peroxide, Activated carbon, Manganese and its compounds, Nickel and its compounds, Lithium compounds, Industrial gas, Aluminium oxide, etc.
- **Other Products**  
TDI, MDI, Polyol, Acrylonitrile, Acrylamide, Liquid ammonia, Urea, Melamine, N-Methyltaurine

## ■Plastic Resins

- **General purpose resin**  
PP, PE, EVA, PS, AS, ABS, AAS, AES, MBS, PMMA, MS, PVC, PVC compound, PET, etc.
- **High performance resin**  
PA, PC, POM, PBT, PPE, GF-PET, PPS, LCP, EXOH, APO, Fluorine, PEN, COP, SPS, PEI, PES, PEEK, PI, etc.
- **Elastomer**  
Olefin based, Styrene based, Nylon based, Polyester based, PVC based, Urethane based, etc.
- **Special resin**  
Polylactic acid resin, Petroleum resin, High water-absorbing resin,etc.
- **Thermosetting resin**  
Epoxy resin, Xylene resin, Phenolic resin, Unsaturated polyester resin, Polyurethane, etc.

## ■Plastic Additives

- **Plasticizer**
- **PVC stabilizer**
- **Antioxidant**  
Phenolic antioxidant, Phosphite based antioxidant, etc.
- **Ultraviolet absorbent**
- **Infrared absorbent**
- **Antistatic agent**  
Antistatic agent, Dielectric resin
- **Flame retardant**  
Brominated based flame retardant, Phosphorus based flame retardant, Inorganic based flame retardant, etc.
- **Coloring agent for resin (Master batch)**
- **Foaming agent**
- **Lubricants**  
Metallic soap based, Amide based, Bisamide based, etc.
- **Preservative and fungicide**
- **Filler agent**  
Glass mat, Glass roving, Glass bead, Potassium titanate whisker, Calcium carbonate, Aluminum oxide, Talc, Silica, Silica gel, Kaolin, Wood Powder, etc.
- **Nucleating agent**



## ■Synthetic Resin Products

- **Film/Sheet**  
PVC, PP, PE, PS, PMMA, PET, PC, PAN, Multilayer, Dielectric, Antistatic, Foaming, etc.
- **Packaging materials and container materials**  
General purpose bag, Barrier layered bag, Antistatic bag, Injection molding products, Vacuum molding products, Blow molding products, Other molding products, Flexible container, Extrusion molding products, etc.
- **Civil engineering work and construction materials**  
Injection molding products, Extrusion molding products, Vacuum molding products, Blow molding products, Foamed products, etc.
- **Chemical fiber and inorganic fiber**  
Non-woven fabric, Synthetic pulp, Monofilament, etc.
- **Discharged oil control materials and equipment**  
TAFNEL Oil Blotter, Oil Absorber, Perlite, Oilfence, Oil absorbent, etc.
- **Auto parts**  
Automotive electronic parts, Motorcycle parts, etc.

## ■Fine Chemical

- **Drug medicine intermediates and Agrochemical intermediates**  
OCPNA, Hydantoin, Benzoic acid, Bromine compound, etc.
- **Electronic materials intermediates**
- **Medicinal intermediate materials**  
Maltose, Cellulose derivatives, etc.

## ■Others

- **Fats and oily solutions**  
Vegetable oils, Animal oils, Aliphatic acid, etc.
- **Surfactant**  
Anionic surfactant, Nonionic surfactant, Cationic surfactant, etc.
- **Fine Ceramics**  
Aluminum nitride, Silicon nitride, Boron nitride, Zirconium boride, Tungsten boride
- **Organo metallic compounds**  
Organic aluminum compounds, Organic titanium compounds, Organic boron compounds, Organic phosphorus compounds, etc.

### ● **Painting raw materials and adhesives raw materials**

Paints, Inks, Alkyd resins, Amino resins, Vinyl resins, Acrylic resins, Epoxy resins, Polyurethane resins, Unsaturated polyester resins, Phenol resins, Synthetic resin emulsion, Water soluble resin, Chlorinated polyolefin, Fluoro resins, Petroleum resins, Ketone resin, Rosin modified maleic acid, Coumarone resin, Alkoxysilane, Powder painting resin, Ultraviolet curing resin, etc.

### ● **Pigment**

Titanium oxide, Fine powder titanium oxide, Cobalt oxide, Aluminum paste, Blanc fixe, Organic pigments, Nigrosine, Carbon black, Silica, Aluminium oxide, etc.

### ● **Synthetic dye**

Disperse dyes, VAT dyes, Acid dyes, Reactive dyes, Legal dyes, Water based pigment, etc.

### ● **Tackiness agent and adhesives**

Phenol based, Urea based, Melamine based, Vinyl acetate based, Rubber based, Silicone based, Acrylic based, Epoxy based, Hotmelt based, Urethane based, Cyanoacrylate based, tape, etc.

### ● **Biochemical products**

Cellulase, Amylase, Protease, etc.

### ● **Perfume and its raw materials**

### ● **Processed food ingredients, Food additive**

Processed starch, saccharides (reduced syrup, isomerized liquid sugar, etc.), seasonings (yeast extract, nucleic acid, etc.), functional ingredients (lactic acid bacteria, chitosan, etc.), soybean dietary fiber, acidifier/pH adjuster, thickening and stabilizing agent

### ● **Silicones**

Oil, Rubber, Resin, Silane, etc.

### ● **Synthetic rubber**

CM, Polymer, LX, Organic rubber chemicals, etc.

### ● **Mechanical, Metallic products**

Molding machine, Machine, Molds, Tools, Inspection tool, Metal parts, Electric tool parts, etc.

### ● **Others**

Drying agent, Polymer flocculant, Hard coat materials





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