



Plastics Additives and PVC Stabilizers Business (USA)

**Amfine Chemical Corporation**

**Manufacturing and Sales of Essential Materials for Automotive Lightening and Material Circulation**

Manufactures and sells functional materials (plastics additives) to add various properties such as durability and flame resistance to plastics. Amfine Chemical Corporation is a joint venture between MC and ADEKA, a leading company in this field.



Needle Coke Business (South Korea)

**POSCO MC MATERIALS**

**Stable Supply of Essential Materials for Electric Arc Furnace**

Manufactures and sells needle coke, the raw material used for graphite electrodes, which are indispensable for the operation of electric furnaces (steel product recycling), a market that is expected to grow in the future. The company is a joint venture between Mitsubishi Chemical, MC and POSCO FUTURE M, a subsidiary of South Korea's largest steel company, POSCO.

**Riken Americas Corporation**  
Manufacturing and Sales of PVC and Thermoplastic Elastomer Compounds (USA)



Cement & Ready-mix Concrete Business (USA)

**Mitsubishi Cement Corporation / MCC Development Corporation**

**Stable Supply of Essential Materials for Construction and Infrastructure Development**

A joint venture between Mitsubishi UBE Cement Corporation and MC that develops the integrated manufacturing and sales of cement and ready-mix concrete in California, US, as well as other regions. With the aim of reducing CO<sub>2</sub> emissions, the company is also working to introduce CCU technology that utilizes ready-mix concrete and other materials.

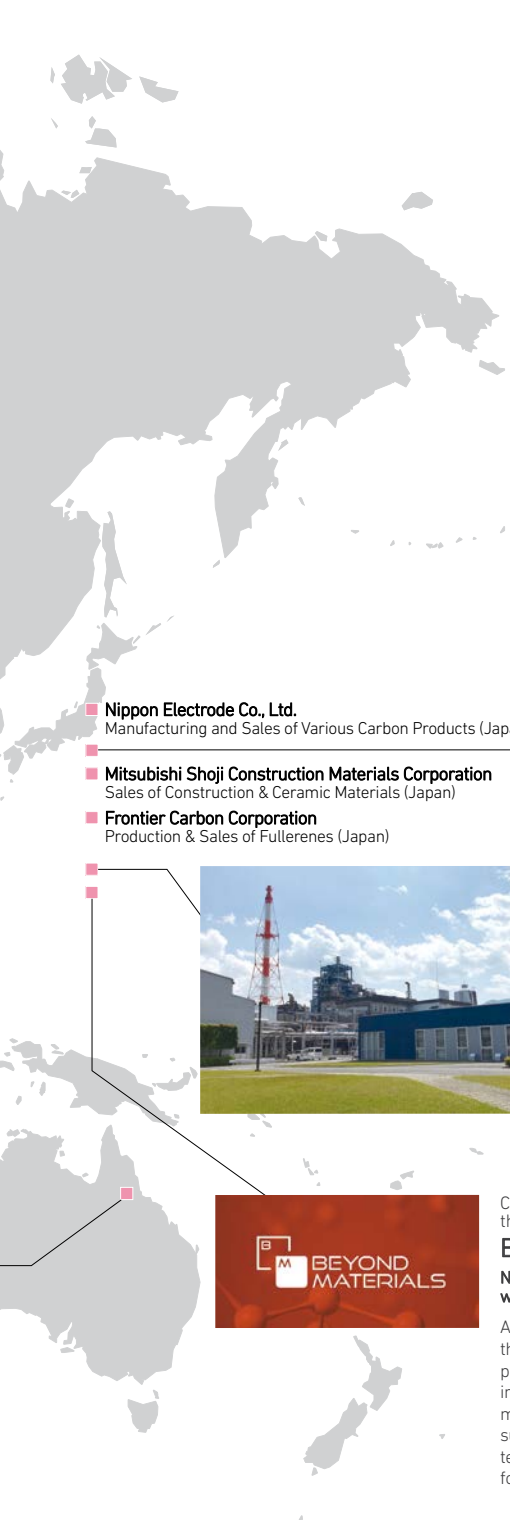


Silica Sand Business (Australia)

**Cape Flattery Silica Mines Pty., Ltd.**

**One of the World's Largest Silica Sand Suppliers**

A wholly owned subsidiary of MC that owns one of the world's largest silica sand mines located in Australia. For over 50 years the company has supplied silica sand, which is the raw material used for various products such as flat glass and display glass, to Japan and other Asian countries where demand has grown remarkably.



Steel Business (Japan)

## Metal One Corporation

Leading Company in Steel Products Value Chain

Metal One Corporation (Metal One), established in 2003, is a company jointly owned by MC and Nissho Iwai Corporation (now Sojitz Corporation). With over 140 subsidiaries and affiliated companies around the world, Metal One has forged a value chain connecting steel manufacturers and customers by providing integrated services including distribution, inventory, processing and manufacturing, as well as sales of steel products.

■ **Nippon Electrode Co., Ltd.**  
Manufacturing and Sales of Various Carbon Products (Japan)

■ **Mitsubishi Shoji Construction Materials Corporation**  
Sales of Construction & Ceramic Materials (Japan)

■ **Frontier Carbon Corporation**  
Production & Sales of Fullerenes (Japan)



Manufacturing and Sales of Functional Materials (Japan)

## Toyobo MC Corporation

Manufacturing and Sales of Functional Materials Contributing to a Sustainable Society

Toyobo MC develops, manufactures, and sells functional materials (engineering plastics, coating and adhesive raw materials, etc.) that help to not only promote weight reduction and electrification in the mobility sector, but also respond to environmental issues. The company is a joint venture between MC and Toyobo, a high-performance materials manufacturer with advanced technology.

Consulting and Engineering Services Provider for the Materials Industry (Japan)

## Beyond Materials Corporation

New Consulting Services Connecting Users' Needs with the Materials Industry

A joint venture between MC and a group company of the FEV Group, a major German engineering service provider with user knowledge in the automotive industry and other sectors. The company provides market research, strategy planning and execution support, product development and demonstration testing support, as well as digital solution services for the materials industry.



# Industrial Materials Group

The Industrial Materials Group conducts various activities to help realize a carbon-neutral society. These include efforts such as strengthening our functional materials business, which underpins the digitization and electrification of society, and the proliferation of more lightweight solutions and electric vehicles (EVs) in the automotive and mobility sectors, enhancing our silica sand business which provides the raw materials used for solar power generation panels, and engaging in carbon capture and utilization (CCU) initiatives in the fields of construction and infrastructure.

In addition, by combining digital technology with real businesses essential to material distribution, we will strive to address the issue of labor shortages and surplus costs caused by complex distribution structures and work processes. At the same time, we will also utilize our existing businesses, industrial knowledge, and global network to reconfigure the materials industry from a conventional one-way economic model of mass production and consumption to a circular economy model as we take on the challenge of transforming the materials industry, which plays an important role in realizing a sustainable society.

- Steel Products Div.** Steel plates and sheets, structural steel, line pipes, oil country tubular goods, wire rods, specialty steel, etc.
- Performance Materials Div.**
  - Carbon Materials Dept. ■ PVC & Functional Chemicals Dept.
  - Performance Materials Business Development Dept.
 Needle coke, artificial graphite electrodes, coal tar, petroleum coke for fuel, carbon blocks, PVC, plastic compounds, plastic additives, yellow phosphorus, etc.
- Materials Solutions Div.**
  - Materials Business Transformation Dept. ■ Industrial Materials DX Dept.
- Ceramic Minerals Dept.** Silica sand
- Construction Materials Dept.** Cement & ready-mix concrete