



Manufacturing and Sales of Needle Coke (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.



Manufacturing and Sales of Plastics Additives and PVC Stabilizers (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.



**Diamond Petrochemicals Canada Corporation (DPCC)**  
Manufacturing and Sales of Butadiene (Canada)

■ **IVICT Europe GmbH**  
Chemical Trading (Germany)

Manufacturing and Sales of PVC and Thermoplastic Elastomer Compounds (USA)

## Riken Americas Corporation

**Supplying Composite Materials that are Indispensable in the Fields of Mobility, Infrastructure, etc.**

A joint venture between Riken Technos Corporation and MC. Riken Technos Corporation manufactures and sells vinyl chloride and elastomer resin compounds in the United States for various applications in automobiles, construction, infrastructure, etc.



■ **MC Plastic Trading de Mexico**  
Sales and Marketing of Industrial Resins and PVC (Mexico)

■ **IVICT (Shanghai) Co., Ltd.**  
Chemical Trading (China)

■ **SHARQ**  
Manufacturing of Ethylene Glycol and Polyethylene (Saudi Arabia)

■ **IVICT (Thailand) Company Limited**  
Chemical Trading (Thailand)

■ **Thai Shinkong Industry Corporation Ltd.**  
Manufacturing of Recycled PET Resins (Thailand)

■ **IVICT Singapore Pte. Ltd.**  
Chemical Trading (Singapore)

■ **PT Panca Amara Utama (PAU)**  
Manufacturing of Ammonia (Indonesia)



Manufacturing and Sales of Cement and Ready-mix Concrete (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.

■ **Caribbean Gas Chemical Limited (CGCL)**  
Manufacturing of Methanol (Trinidad and Tobago)



Manufacturing of Methanol (Venezuela)

## Metanol de Oriente, METOR, S.A. (METOR)

**A Business Linking Japan and Venezuela**

METOR is a methanol production and sales joint venture with Venezuela's state-owned petrochemicals firm Pequiven, Mitsubishi Gas Chemical and others. Its second plant began operating in 2010, increasing annual production capacity to 1.6 million tons. METOR is widely symbolic of Japan-Venezuela relations.



Manufacturing and Sales of Silica Sand (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.



Processing, Sales and Marketing of Steel (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)

■ **MUCC Construction Materials Corporation**  
Sales and Marketing of Construction Materials (Japan)

■ **Frontier Carbon Corporation**  
Manufacturing and Sales of Fullerenes (Japan)

■ **Beyond Materials Corporation**  
Consulting and Engineering Services Provider for the Materials Industry (Japan)

■ **SPDC Ltd.** Sales and Marketing of Ethylene Glycol and Polyethylene (Japan)

■ **Mitsubishi Corporation Plastics Ltd.**  
Sales and Marketing of Synthetic Raw Materials & Plastics (Japan)

■ **Mitsubishi Shoji Chemical Corp.**  
Sales and Marketing of Solvents, Paints, Coating Resins, Silicones (Japan)

■ **Mitsubishi Shoji Agri-Service Corporation** Sales and Marketing of Fertilizer (Japan)

■ **MC Ferticom Co., Ltd.** Manufacturing and Sales of Fertilizers (Japan)



Development, 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.



# Materials Solution Group

With the materials industry being one of Japan's core industries, the Materials Solution Group takes a comprehensive view of its supply chain and promotes the strengthening of competitiveness and reduction/decarbonization of the industry.

Utilizing knowledge and experience in the broad materials industry gained through trading and our existing businesses, we will define focus areas, develop and strengthen our business, build a large-scale business foundation in each area, and aim to create a business portfolio that will provide stable profits.

### Carbon & Ceramics Div.

■ Carbon Materials Dept. ■ Carbon Materials Business Development Dept.  
■ Construction Materials Dept. ■ Ceramic Materials Dept.  
Cement and ready-mix concrete manufacturing and sales business, silica sand manufacturing and sales business, carbon materials manufacturing and sales business

### Steel Products Div.

Distribution, inventory, processing, and manufacturing business for steel products through Metal One Corporation

### Performance Materials Div.

● Agriculture Solution Office ■ Semiconductor Business Dept.  
■ Petrochemicals Business Dept. ■ Basic Chemicals Business Dept.  
■ Functional Materials Business Dept.  
Manufacturing and sales business based on raw materials in the fields of petrochemicals and basic chemicals

### Business Development Div.

● Industrials Materials Business Incubation Office  
■ Materials Business Transformation Dept. ■ Industrial Materials DX Dept.  
■ Ecological Materials Business Dept.  
Development and provision of business transformation solutions (DX, EX, MX, recycling, etc.) in the materials industry

### Global Marketing Div.

■ Basic Petrochemicals Marketing Dept. ■ Refinery Chemicals Marketing Dept.  
■ Alcohol & C1 Chemicals Marketing Dept. ■ Chlor-Alkali Marketing Dept.  
■ PVC & Functional Chemicals Dept.  
Trading in the fields of petrochemicals and basic chemicals