



## A History of Creating Value and Solving Social Challenges

Mitsui Chemicals traces its origins to the coke business started by Mitsui Mining in 1892. In 1912, Mitsui Chemicals started its coke chemical business at the Omuta Works. For 100 years, the Mitsui Chemicals Group has continued to meet the changing needs of society. As one of Japan's leading chemical companies, the Group will continue to seek solutions to global environmental issues through its products and technology and to contribute to lives of people around the world.

**PP Compounds' Automotive Materials Market Position**

**Global No. 2**

### Social Needs and Challenges

- Energy conservation and environmental load reduction
- Diversifying automotive needs

### Our Solutions

- Materials that help enhance fuel efficiency and lighten weight
- Materials that contribute to higher performance, including increased safety as well as improved design and comfort



**High Performance Nonwovens Market Position**

**Asia No. 1**

- A declining birthrate and aging population
- Growing awareness of ways to enhance the quality of life
- Improving public health in emerging countries

- High-performance nonwovens for disposable diaper use
- Hygiene materials that address the need for increased quality



**Ophthalmic Lens Materials Market Position**

**Global No. 1**

- Aging societies in developed countries
- Growing awareness toward enhancing the quality of life
- Growing interest in vision care

- High-performance ophthalmic lens materials that address a wide range of needs
- Vision care-related high-performance, high-value-added materials



1980 1990 2000 2010

Strengthen domestic business alliances

- 1987 Company in Singapore established (the current Mitsui Chemicals Asia Pacific)
- 1988 Company in U.S. established (the current Mitsui Chemicals America)
- 1990 Company in Germany established (the current Mitsui Chemicals Europe)
- 1999 Company in China established (the current Mitsui Chemicals China)

- ▶ 2006 Mitsui Chemical Polyurethane established (the current polyurethane business sector) Acquisition of polyurethane business from Takeda Pharmaceutical
- ▶ 2007 Mitsui Chemical Agro established (Agrochemical business integration with Sankyo Agro)
- ▶ 2005 Prime Polymer established (Joint venture with Idemitsu Kosan for the polyolefin business)

Strove to establish a global presence as a diversified chemical company

- 1987 Trebon™ (Insecticide)
- 1983 Toner binder
- 1987 ICROS™ TAPE (for semiconductor manufacturing process)
- 1988 SOLAR EVA™ (Encapsulant sheets for solar power systems)
- 1987 MR™ series (Ophthalmic lens materials)

1997 Mitsui Chemicals established

2001 STARKLE™ (Insecticide)

Accelerating global operations

- ▶ 2015 Mitsui Chemicals & SKC Polyurethanes established (Korea)
- ▶ 2013 Acquisition of Heraeus Kulzer (Dental materials, Germany)
- ▶ 2011 Acquisition of ACOMON (Ophthalmic lens materials, Switzerland)
- ▶ 2014 Whole You established (Healthcare, U.S.)
- ▶ 2012 PRIME EVOLUE SINGAPORE established
- ▶ 2011 MITSUI CHEMICALS NONWOVENS (TIANJIN) established (China)

▶ 1986 ADVANCED COMPOSITES established (PP compounds, U.S.)

▶ 1996 GRAND SIAM COMPOSITES established (PP compounds, Thailand)

▶ 2001 MITSUI HYGIENE MATERIALS established (Nonwoven fabrics, Thailand)

1982 Polyethylene film

1998 **The world's first** Metallocene catalytic method EVOLUE™ (Gas-phase process)

1995 APEL™ (Performance polymers)

1997 Metallocene catalytic method TAFMER™ (Elastomers)

▶ 2012 SHANGHAI SINOPEC MITSUI ELASTOMERS established (China)

▶ 2012 MITSUI CHEMICALS FUNCTIONAL COMPOSITES (Shanghai) established (EPT, China)

Strengthen overseas business

Began establishing a global production and delivery system

▶ 2001 MITSUI ELASTOMERS SINGAPORE established (TAFMER™)

2008 Metallocene catalytic method Mitsui EPT™

▶ 2006 SHANGHAI SINOPEC MITSUI CHEMICALS established (Phenol, Bisphenol A, China)

▶ 1999 MITSUI PHENOLS SINGAPORE established

Dental Materials Business Bases Worldwide

24 Countries

- Aging societies in developed countries
- Growing awareness of health in emerging countries
- Growing interest in oral care

- High-quality dental materials based on polymer technologies
- Artificial teeth and dentures that employ CAD/CAM systems



EVOLUE™ (Highly Functional Sealant) Market Position

Asia No. 1

- Growing awareness of food safety issues
- Securing a stable supply of food
- Energy conservation and environmental load reduction

- Packaging materials that contribute to food safety and the reduction of loss
- Enhancing food processing productivity



Hybrid Rice Seeds Productivity

1.5 times

- Ensuring an adequate supply of food against a backdrop of explosive population growth
- Safe and stable increase in food production

- High-productivity hybrid rice seedlings (non-genetically modified)
- High-performance agrochemicals that contribute to stable production



Our Vision

Share Our Vision

Our Value Creation Stories

Our Strategic Focus

Our Operations

Our Resources

Our Foundation

Financial Section