

Grace in Japan



Grace is a global specialty chemicals and materials company noted for experienced people, technological leadership, global reach and strong customer relationships. Among many other things, Grace ensures the integrity of many major buildings and bridges, enhances the performance of petroleum products and preserves the safety of food.

History of Grace in Japan

Grace has been an active member of the Japanese business community for five decades. We entered the Japanese market with the founding of the subsidiary Darex KK on November 26, 1960 (later renamed Grace Japan KK in 1985). The first office opened in the Chiyoda Ward of Tokyo in 1960, followed by the construction of a manufacturing facility in Atsugi, Kanagawa Prefecture, in 1962 for the production of can sealants and compounds used by the packaging industry to protect food and beverages from bacteria and other contaminants, extend shelf life and preserve flavor. In later years, the site began production of concrete admixtures that improve the quality, strength, durability and appearance of concretes for the construction industry.

Other significant milestones included: the formation of a joint venture with chemical manufacturer Denki Kagaku Kogyo K. K. (also known as DENKA) in 1988 to support the construction industry (currently named Grace Chemicals K. K.); and, the formation of ART KK, a business alliance between Advanced Refining Technologies LLC (ART, Grace's joint venture with Chevron Products Company) and Japan Energy Corporation (currently JX Nippon Oil & Energy Corporation) in 2002 to support the petroleum refining industry. Through this alliance, ART markets and sells hydroprocessing catalysts that upgrade heavy oils and remove certain impurities.

Facilities in Japan

Grace's facilities in Japan provide local and regional resources to our customers and are essential to the company's business strategy in Asia Pacific. The facility in Atsugi remains today one of Grace's largest manufacturing sites for our packaging product group. Local production helps us produce can sealants and compounds that are used in more than 34 billion cans each year. In addition to packaging, the facility manufactures concrete admixtures and houses an analytical/technical service center that is connected to an extensive network of R&D centers throughout Asia, Europe and North America.

In addition to Atsugi, Grace Chemicals operates six other manufacturing sites throughout Japan.

JX Nippon Oil & Energy Corporation operates a manufacturing facility for hydroprocessing catalysts in Hitachi under exclusive contract to ART KK and conducts research and development for hydroprocessing catalysts in Toda on behalf of ART LLC.

Manufacturing Facility

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Grace Chemicals K.K.
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Grace Construction Products Office

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Corporate Entity

W. R. Grace & Co.-Conn.

Stock Listing

NYSE: GRA

Corporate Headquarters

Columbia, Maryland, USA

Founded

1854

2009 Net Sales

\$2.8 billion worldwide

\$514.9 million in Asia Pacific

Employees

Worldwide: 5,910

Japan: 78

Media Inquiries

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Corporate Communications

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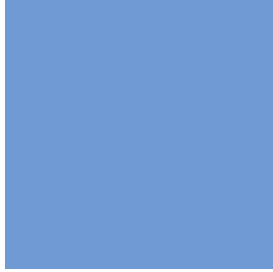
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Web Site

For more information, please visit Grace's web site, www.grace.com





Sustainability

Grace has publicly committed to reduce the energy intensity of our operations by 20% per pound of production by 2017 based on 2007 levels. This energy intensity goal is one component of our broader sustainability strategy. Starting in 2010, we will report progress toward our sustainability goal annually.

Products and Materials

In Japan, Grace manufactures, distributes or supports the following products and materials:

Catalysts used in the refining of gasoline and other fuels; in the manufacture of plastic intermediates; in the pollution control of industrial and automotive emissions; and, in a number of chemical industry processes.

Silica products used in industrial applications to control surface gloss in wood finishes, industrial coatings and coil-coated metals; by the food and pharmaceutical industries as anticaking agents; by the dentifrice industry as thickeners and polishing agents; and, as carriers for catalysts.

Adsorbents used as desiccants in moisture-protected packaging, insulating glass windows and refrigerant systems; and, in the petrochemical and refining industries for drying and purifying gases and liquids.

Packaging sealants and coatings used in metal cans, glass / plastic bottles and jars. The products are sold primarily to container manufacturers and ensure a hermetic seal between the lid and the beverage or food, helping protect from bacteria and other contaminants, extend shelf life and preserve flavor.

Chromatography products such as columns, instruments, consumables and accessories used in life and analytical sciences applications. Chromatography is used in drug discovery and purification for the pharmaceutical and biotechnology industries, environmental analysis, forensics, petrochemical analysis, food, cosmetics and vitamins processing.

Specialty construction products and chemicals used in some of the world's most demanding building sites. Grace offers concrete admixtures, cement additives, additives for masonry products and specialty building materials, including fire protection and waterproofing materials and systems.

Residential building materials used by homeowners to protect their houses and property. Grace products include specialty roofing membranes and flexible flashings for windows, doors, decks and detail areas that prevent leaks caused by ice dams and wind-driven rain. Grace deck protector provides corrosion protection and rot prevention. Collectively, the products help keep homes safe, comfortable and built to last.



Community Stewardship

Our mantra is to **Engage—Educate—Empower**. These three words are at the root of our community stewardship programs. By bringing people together, we create stronger neighborhoods and establish a renewed sense of camaraderie.

Ever since it began operations in Japan, Grace has been fully committed to operate as a responsible corporate citizen.

As a member of the Atsugi Chamber of Commerce, we share economic information and support topic-of-the-day seminars. As a member of the Kanagawa Prefecture Dangerous Articles Safety Association, we support safety-driven activities, such as building awareness about safety administration and fire prevention.

We conduct fire prevention and disaster preparedness drills twice a year. These drills usually include exercises such as evacuating the building, fire fighting, first aid, emergency food supply and earthquake simulations.

Environment, Health & Safety

We are dedicated to the highest standards of health and safety practices and realize our responsibility to the environment.

In order to protect the air, soil and water, we have developed and implemented a highly efficient environmental management system that is geared towards waste reduction at source and strict control of emissions.

Atsugi is one of the safest facilities in Grace's global network. In September 2009, the site received the Paul J. Norris Safety Award, the company's official recognition of safety performance, for having operated 20 years without a recordable incident or lost workday case. In addition, every year employees donate blood to save lives.

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