# **Commitments by Global Group Companies**

The JSR Group addresses issues and needs that vary in each country and region, while sharing the common Essential Elements and mid-term business plan.

In this section, each Group company leader will describe their respective business environment and outline the social responsibilities they are required to fulfill.

# JSR BST Elastomer Co., Ltd.



Managing Director

The Map Ta Phut industrial zone in Ravong Province. Thailand, where we are currently constructing a plant, is a center of the chemical industry and attracts great attention to the environment. An accident involving an explosion that occurred near our site in May 2012 resulted in even stricter safety requirements in the industrial zone, and we need to ensure that we take all possible safety measures as well as Takatoshi Nagatomo communicate such measures to the community. In addition to holding information sessions to explain our activities to the residents, we are actively making commitments to the community by participating in local events and donating to

nearby schools, among other courses of action

JSR Micro Korea Co., Ltd.





Nobuo Kawahashi

President

In Korea, corporations have highly public consciences and contribute to society in valous fields in response to expectations. As society's interest in safety and health and quality control mounts, we are working to further strengthen our compliance, such as by meeting GHS\*1 requirements, preparing MSDS\*2, checking the safety of the chemicals we use, and registering new chemical substances in accordance with applicable laws and regulations. As we intend to export more products from Korea, we will develop a system to ensure compliance with chemical substance control schemes and trade rules of countries we export to.

Techno Polymer Hong Kong Co., Ltd. Techno Polymer Guangzhou Co., Ltd.



Managing Director

China is progressing from placing priority on economic and national development to the stage where companies can discuss what they should do to fulfill their social esponsibility. Although we are a small company, we are cussing with our employees in study meetings and ther occasions what sustainable CSR activities we can carry out as a local subsidiary of the JSR Group. As a first step, we have started activities we can do every day, such as recycling cardboard boxes and newspapers.

Although Thailand is undergoing rapid economic

development, the country is still confronted with many

unaddressed environmental and social problems and

## Techno Polymer (Thailand) Co., Ltd.



companies are expected to play a key role to solve these problems. Because Thailand faces risks such as demonstrations and floods, we are also focusing on risk management. We will introduce training that encourages each employee to think about what they can do for CSR Shotaro Uehara on their own initiative, so that we will grow into a company Managing Director that encourages employees to actively become involved in carrying out CSR activities and be proud of those efforts.

Elastomix (Thailand) Co., Ltd.



In Thailand, attention is being paid to economic development and environmental protection issues (environmental problems in industrial zones and infrastructure development in particular), and improvement in the quality of life is being sought. Although people's awareness of CSR remains low, we have already started engaging in dialogue meetings with local residents and working on environmental measures to save energy, increase recycling, and for other purposes. We will put more effort into enhancing employee motivation and providing periodical training to ensure employees' understanding of corporate ethics.

# JSR Micro Taiwan Co., Ltd.



Since Taiwan relies on imports for more than 99% of its energy, energy conservation and the realization of a low carbon economy are urgent issues. In this situation, we are therefore actively adopting energy-saving measures, primarily for our plant. In "green areas" throughout our plant, we also grow plants that are indigenous to Taiwan in an attempt to maintain harmony with the local ecosystem, and as a result we were once again declared a winner of the local industrial zone greening contest this year following our victory last year. We will continue promoting CSR activities by paying attention to the local situation while working hard to achieve the JSR Group's common CSR goals.

Techno Polymer (Shanghai) Co., Ltd.



Masaru Hirata Managing Director

community on the environmental front, and for this reason, the country's import control requirements for hazardous chemical substances are becoming stricter each year. Interest in environmental protection and safety is rising even on an individual level. To meet environmental regulations and the need to improve work environments, we are expanding sales of materials that are expected to reduce the man-hours of our customers while ensuring legal compliance and fair business practice, maintaining employment, and working on human resource development

China is being evaluated critically by the world

## Shanghai Rainbow Color Plastics Co., Ltd.



As with other areas in China, Shanghai is facing the issue of how it can realize both economic development and environmental protection. Interest in PM 2.5 pollutants and other environmental problems as well as their solutions is increasing rapidly. We are vigorously promoting resource and energy conservation during the production phase

Katsuro Omura General Manager

\*1 GHS (Globally Harmonized System of Classification and Labeling of Chemicals) An internationally agreed-upon system of chemical classification, labeling, and safety data sheet (SDS)

requirements \*2 MSDS (Material Safety Data Sheet)

A document that contains chemical substance safety information, which is provided when chemicals are shipped to another company. MSDS is a designation used in Korea. It is also called a "safety data sheet" or "SDS" under the international standard.

# JSR Micro N.V.



Concern over the environment and the safety of customers and employees is rising in the EU, and people are paying much attention to the impact of chemicals on the environment as well as to technology for protecting the safety and health of employees. We are considering to the greatest possible extent the environment and occupational safety, while encouraging open communication through active dialogue with employees. EU regulations are complicated, but we ensure that we take appropriate measures at all times by monitoring. the impact of our activities on the environment and occupational safety

### Techno Polymer America, Inc.



Atsushi Ishii

President

I feel that contributing to sustainability is one of the important attributes of great companies in the United States. Environmental issues were a major theme in NPE 2012 in particular, an international plastics exhibition, as well. Corporate ethics is also being taken very seriously in this country, so we are very careful when engaging in business activities. We will continue developing environment-friendly materials that meet the needs of Western companies even better by making the most of the JSR Group's technological prowess.

# JSR (Shanghai) Co., Ltd.



Chariman

In China, people's awareness of environmental issues is increasing year by year, and as a company that handles chemicals, we have to ensure full compliance with laws and regulations while working to expand our business-our basic yet very important policy. It is also becoming important to develop national staff along with the expansion of business, and we will manage the company in such a way as to encourage each employee to challenge themselves to actively engage in difficult tasks as a member of the JSR Group.

### Elastomix (Foshan) Co., Ltd.



President

Laws and regulations regarding safety and the environment are being enforced, and safety management guidance provided to companies by the authorities is becoming more and more strict. We have been working hard to maintain and improve safety and the environment since early on and will continue with these efforts. Since our responsibility to our employees is also important we are working to establish employee benefits, conduct employee surveys, and are implementing other plans to secure and develop human resources.

### **JSR Micro**, Inc.



Phyllis Moracco HR Director

In California, GHG is a hot topic, as the cap-and-trade system puts pressure on companies to implement control measures to help reduce emissions. Intel's Green Chemistry Benchmarking is attracting much attention and we are providing information on a chemical screening, selection and monitoring system. We are also promoting joint CSR efforts with our suppliers, asking our supply chain partners, investors and other external stakeholders to join in the effort, as this is what our customers expect us to do. Since biodiversity is an important topic for the future, we will be working closely with other JSR groups to implement some of these important projects.

#### **JSR Trading, Inc.**



Ken Tsutsui President

Even in the United States, consumers are shifting to fuel-efficient compact cars due to skyrocketing gas prices. We are contributing to improvement of the environment by expanding sales of JSR S-SBR, a material used for fuel-efficient tires. We are also attaching importance to compliance with trade controls and regulations as well as risk management for labor and other issues, and regularly monitor the status. We are also expanding transactions with local companies and employing national staff to become rooted locally.

### J & W Beijing Biotech Co., Ltd.



Kenji Yasuda President

I feel that in China, public awareness of environmental problems such as PM 2.5 pollutants, which caused a great stir this year during winter, and the desire for a better environment and better medical care are increasing day by day. Our diagnostic reagent intermediate products help to develop a better medical environment, and it can be said that our business activities themselves are CSR activities. By taking advantage of our status as a joint venture company formed with a Chinese company, we plan various activities to actively mingle with the local community, such as traveling together with employees and their families

### JSR Trading (Shanghai) Co., Ltd.



Keiya Oyanagi President

People's awareness of environmental protection is increasing rapidly, mainly in large cities. PM 2.5 pollutants, enforcement of a more strict food management law, and other issues have become hot topics, and we are working hard to ensure compliance with Chinese trade practice regulations while strengthening our lineup of environmentally friendly products. We will make greater efforts to flexibly disseminate information on the JSR Group's environmental activities and contributions to local communities.