

Meiwa Prastic Industries, Ltd.

Location: 20-1988 Oaza-Kogushi, UBE-CITY, YAMAGUCHI-KEN, 755-0067, Japan

Representative: Yoshiki SUZUKI

Business Classification	Capital	No. of Employees	Established
Chemical Industry	¥99,763,000	110	1946

Description of Business: Since 1946, we have strived for the production of the phenol resin, the plastic force plunger processed products. Our major product, phenol resin consists of two separate products: one is the resin for electronic materials which works as the hardener for the epoxide resin used in semiconductor block and laminating; and the other is the resin bonding for organic and inorganic materials as a binder of whetstone, the refractory and the sand mold. Particularly, the resin for electronic materials is the leading product authorized as the resin for future semiconductors.

Main Products and Business: The phenol resins / the plastic force plunger processed products / Nordbak (epoxide resin) / UBE UMC nylon (casting nylon)
Main Equipment and Facilities: The production facility for the phenol resins / the production facility for the plastic force plunger processed products / the production facility for the epoxy resin
Main Facilities for Protecting Pollution: (Air) Facilities for the prevention of air pollution (objects: formaldehyde) / (Water) Facilities for the water treatment (active carbon treatment)
Qualified Permits, Registrations and Others: Production and distribution of poisonous and deleterious substances / Fair measure control office / ISO9001 certification (in June, 1999) / ISO14001 certification (in April, 2002) / TPM excellent award of 2nd class (in October, 1998) / TPM excellent award of 1st class (in November, 2002)
Licensed and Qualified Engineers & Specialists: 5 pollution control managers / 14 internal environmental inspectors / 5 fire fighting facilities technicians / 17 internal quality inspectors / 11 health controllers / 2 X ray chief operators / 8 chief engineers for safe control of high pressure gas / 47 engineers handling hazardous substances / 2 engineers handling poisonous and deleterious substances / 2 energy control engineers

Environmental Preservation Activities:

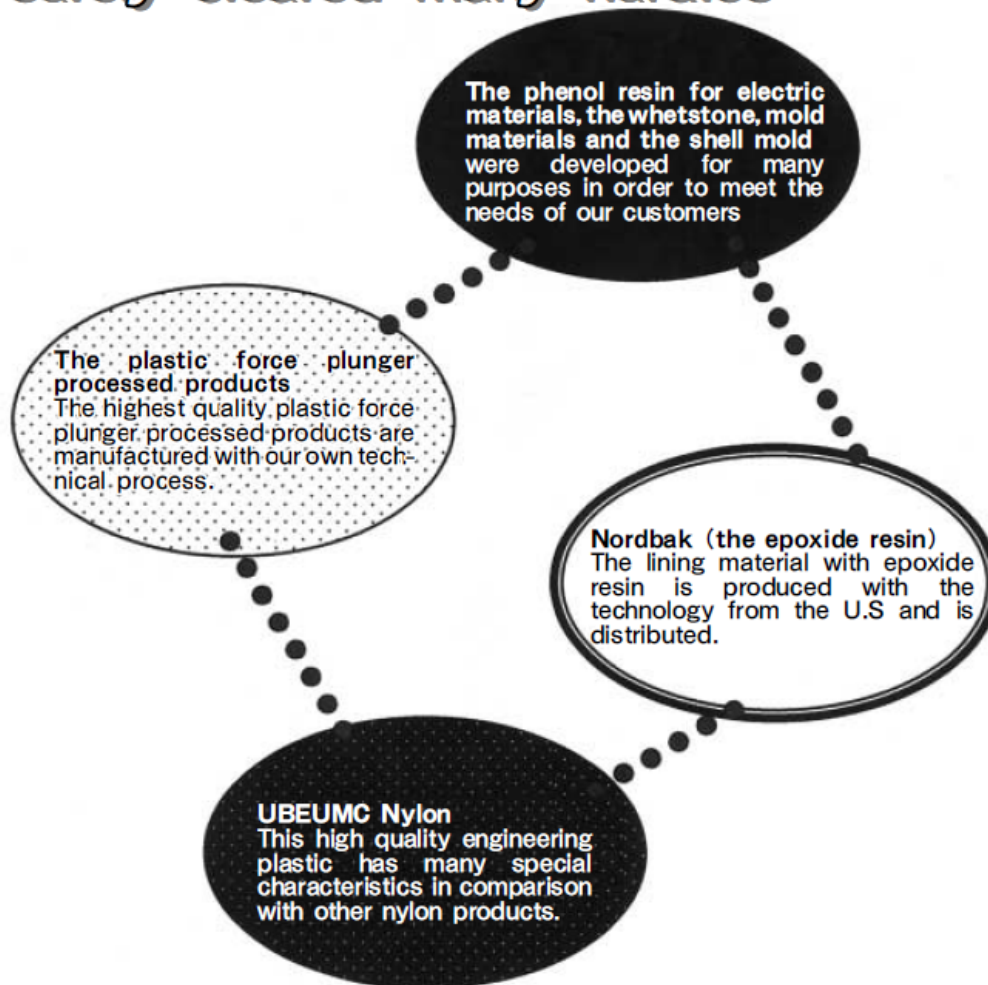
Environmental Pollution Prevention	Air Pollution Prevention (formaldehyde) / Automatic control for drainage for finding abnormal drainage in the early stage
Waste and its Recycling	Promoting the reduction and recycling of the wastes
Reducing use of Energy and other Resources	Reducing energy (CO ₂ reduction) : (electricity, steam, city water, nitrogenous gas) / reducing use of Resources: reducing the consumption of the copying paper and so on.
Earth Environment Preservation	The development of the resins suitable for the environment (Lead free / halogen free)
Others	ISO14001 Continuing the promotion for the environment

Eco-Business and Eco-Products:

Eco-Products	The non-combustible materials such as halogen and phosphorus should not be used for the better environment / the noncombustible epoxide resin hardener for electric materials MEH-7851 series
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Outline of Business (Flow System and Photos)

Our products created with confidence and trust have surely cleared many hurdles



Further Information on Environmental Technology

Meiwa Prastic Industries, Ltd.

Quality, Environment & Safety Division; Environment & Safety Section

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