Main Environmentally-Friendly Silicone Products

Product Categories	Application Examples	Positive effects that can be expected with regard to the environment.
Addition Reaction-type Silicone Release Coatings (solvent-free type)	Release papers, films, etc.	Contributes to the reduction of VOC (Volatile Organic Compounds) and CO2 emissions.
Reduced Platinum Reaction-type Silicone Release Coatings	Release papers, films, etc.	Because curing can be done with reduced platinum usage, it contributes to resource saving. With a normal additional amount of platinum, cold curing is possible, and this contributes to energy saving.
Addition Reaction-type Silicone Pressure Sensitive Adhesives (solvent-free type)	Adhesive tapes, adhesive labels, etc.	Contributes to reduction of VOC (Volatile Organic Compounds) and CO2 emissions.
New Silicone Emulsion	Release agents, lubricants, gloss enhancers, etc.	Complies with the latest EU's REACH Regulations. Lowers the concentration of specific siloxanes.
Silicone Resins	Flame retardants (Flame retardancy of polycarbonate)	It helps to achieve the manufacture of eco-friendly, non-halogen flame retardants when added to polycarbonate resin.
Millable-Type Molding Silicone Rubbers that do not require post cure	General industrial-use rubber-molded products	Because there is no post-cure process, it contributes to energy saving.
Molding Silicone Rubbers using LIMS materials that do not require post cure.	Industrial-use rubber-molded products. Rubber parts of transportation vehicles.	Because there is no post-cure process, it contributes to energy saving
Low-density-Type Molding Silicone Rubbers using LIMS	Rubber parts of transportation vehicles, rubber parts for wearable devices, etc.	Because of its lighter weight, it contributes to such areas as energy saving.
Reduced-Density Thermal Interface Silicone Soft Pads	Heat dissipation for transportation vehicles' batteries, etc.	Because of the lighter weight, this contributes to the improvement of automobile fuel consumption, leading to energy saving.
Room-temperature Addition-cure-Type Liquid Silicone Rubbers	Adhesives and sealants, etc.	Because it is a room-temperature curing type, heating is not necessary, therefore contributing to energy saving.
Room-temperature Condensation Curing-type Liquid Silicone Rubbers	Adhesives and sealants, potting agents, etc.	Because it is a room-temperature curing type, heating is not necessary, therefore contributing to energy saving.
UV Curing-type Liquid Silicone Rubbers	Adhesives and sealants, coating agents, etc.	Because it is a UV curing-type of silicone adhesives, heating is not necessary, therefore contributing to energy saving.