

January 26th, 2018

Nippon Shokubai announces expansion of production capacity for performance chemicals

NIPPON SHOKUBAI CO., LTD. (Headquarters: Chuo-ku, Osaka; President: Yujiro Goto, TSE:4114, hereinafter “Nippon Shokubai”) expands its production capacity for functional monomer “VEEA”, and functional polymers “EPOCROS” and “EPOMIN” to meet the strong growth in global demand.

“VEEA” is a low viscosity, high performance UV curable acrylic monomer. The demand for VEEA is increasing especially in Europe/USA as reactive diluent for UV inkjet printing.

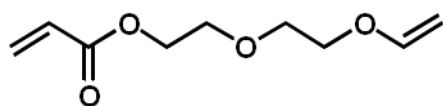
“EPOCROS” is a highly reactive polymer with oxazoline-functional monomer as its key material. “EPOCROS” has excellent adhesion to films and base polymers, and its demand is increasing for PET films and coating materials as environment-friendly waterborne crosslinker.

“EPOMIN” is a water-soluble polymer (Polyethyleneimine) with the highest cationic charge density among existing materials. “EPOMIN” has excellent reactivity and adhesiveness, and its demand is increasing for water treatment and pigment dispersion.

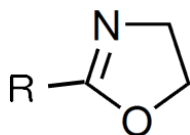
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Products	Mechanical completion	Location
“VEEA” (2-(2-Vinyloxy Ethoxy) Ethyl Acrylate)	December 2019	Himeji Plant
“EPOCROS”	August 2018	Himeji Plant
“EPOMIN” (Polyethyleneimine)	September 2019	Kawasaki Plant

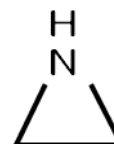
<Constituting Functional Monomers>



“VEEA”



Oxazoline(“EPOCROS”)



Ethyleneimine(“EPOMIN”)

Nippon Shokubai continues to deliver the new values throughout our high performance products including “EPOCROS”, “EPOMIN” and “VEEA”, and strives to achieve our group mission of “TechnoAmenity: Providing affluence and comfort to people and society, with our unique technology”.

About NIPPON SHOKUBAI Co., Ltd.: Since 1941, Nippon Shokubai has grown up its business with unique catalyst technology. Nippon Shokubai has supplied, for example, ethylene oxide, acrylic acid, automobile catalysts, process catalysts and so on. Among all, our global market share of superabsorbent polymer is the largest in the world now. Nippon Shokubai is a global chemical company operating under its corporate mission "Providing affluence and comfort to people and society with our unique technology." <http://www.shokubai.co.jp/en/>

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