MITSUI CHEMICALS,INC.
http://www.mitsuichem.com
Shiodome City Center 1-5-2, Higashi-Shimbashi, Minato-ku, Tokyo 105-7117, Japan

December 11, 2014
Mitsui Chemicals, Inc.

Launch of Two High-Performance "One-of-a-Kind" Polyurethanes

Mitsui Chemicals, Inc. (Tokyo: 4183, President & CEO: Tsutomu Tannowa) announced the April 2015 launch of FORTIMO™, an elastomer using new aliphatic isocyanates, and STABiO™, a polyisocyanate.

Product	FORTIMO™	STABiO™
Form	1,4-Bis (isocyanatomethyl) cyclohexane (1,4-H_6XDI) and polyurethane elastomer material	Polyisocyanate from 1,5-Pentamethylene diisocyanate (PDI®)
Characteristics	➢ Elasticity, durability, and heat resistance superior to current isocyanates ➢ Short molding time for polyurethane elastomer (thermoplastic polyurethane and thermosetting polyurethane) ➢ Non-yellowing	➢ High reactivity compared to 1,6-Hexamethylene diisocyanate (HDI) ➢ Improved gloss and improved chemical and abrasion resistance of paints and adhesives ➢ Non-yellowing ➢ 70% bio-mass
Uses	Automotive use elastomers, clothing use elastic fibers, medical tubes, and high durability industrial materials, etc.	Automotive use paints, plastic paints, adhesives, etc.

Production will commence at existing facilities. From August 2016, the Company will prepare for large-scale production by using a co-production isocyanate monomer plant (production capacity total 2,000t/annual) at Omuta Works (Fukuoka Prefecture) and at a new facility for derivatives within the Nagoya Works. The Company will expand facilities in phases to meet increased demand.

Mitsui Chemicals will continue to reinforce its product selection of world's firsts and "one-of-a-kind" m-Xylylene diisocyanate (XDI) and Norbornane diisocyanate (NBDI™) including derivatives. The Company aims to revolutionize its urethane business portfolio with "one-of-a-kind" products as an important pillar.