

MODIFIED MDI SERIES

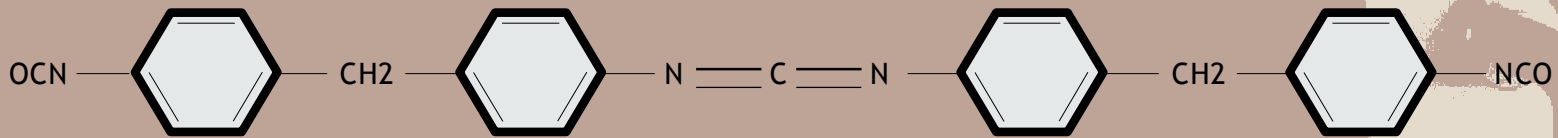
01

PRODUCT CHARACTERISTICS

COSMONATE PH is difficult to store for long periods, as it tends to dimerize upon melting. In order to solve this problem, we introduced the COSMONATE L series, a modified form of COSMONATE PH that maintains stability in a liquid state with low viscosity at room temperatures by converting a portion of COSMONATE PH into carbodiimide. COSMONATE L series are easy to handle and has excellent foaming quality and moldability during polyurethane foam production. It also confers excellent mechanical characteristics on Elastomers.

02

CHEMICAL STRUCTURE



03

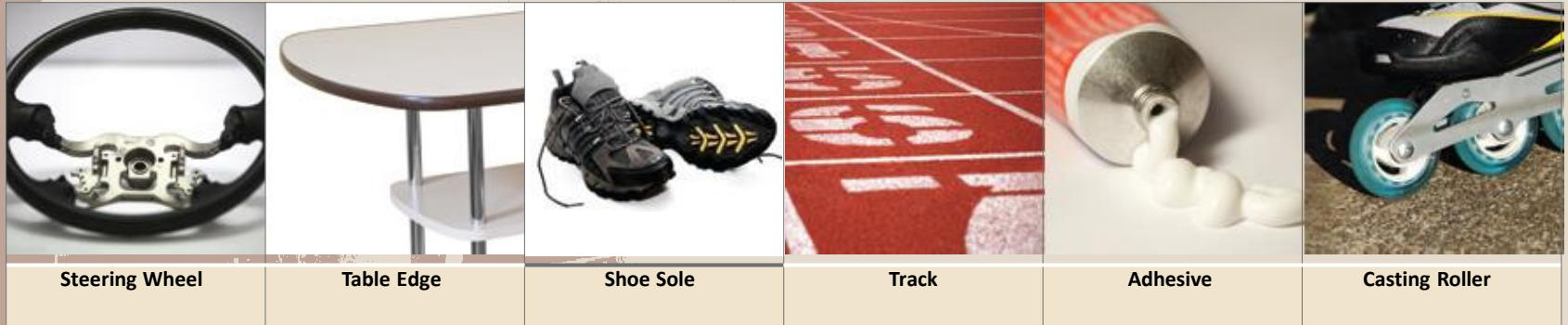
SPECIFICATIONS

PRODUCT	COSMONATE LL	COSMONATE LK	COSMONATE LT	COSMONATE LI	COSMONATE PI (Ortho MDI Rich)
Appearance	Pale Yellow Liquid	Pale Yellow Liquid	Pale Yellow Liquid	Pale Yellow Liquid	
NCO Content(Wt%)	29.1±0.5	28.0±0.5	27.0±0.5	30.5±0.5	
Viscosity(cps/25°C)	40±20	80±30	110±30	25±15	
SP.GR(25°C)	1.195~1.230	1.195~1.230	1.195~1.230	1.195~1.250	
PURITY(Wt%)					Min. 99.5
Ortho MDI(area %)					Min. 50
ACID(Wt%)					Max. 0.015

04

APPLICATIONS

Steering Wheel, Table Edge, Arm Rest, Air Filter, Shoe Sole, Paints, Track, Medical Tapes, Binder, Adhesives and Various Elastomers, Casting Roller



05

HANDLING AND STORAGE

Contact with water must be avoided during use and storage, as these products generate insoluble urea on contact with water. Special MDI must be stored at 25~35°C in order to prevent freezing at low temperature.

06

SAFETY AND HEALTH

Please refer to the Safety Information for Polymeric MDI.

07

PRODUCT PACKAGING

LL, PI, LK : 250 kg/drum, LI, LT : 225 kg/drum