

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN	LOTRAFILCON B
PRONUNCIATION	lo tra fil' kon
INGREDIENT FUNCTION	contact lens material (hydrophilic)
CHEMICAL NAMES	
	(1) 2-propenoic acid, 2-methyl-, 2-isocyanatoethyl ester, polymer with <i>N,N</i> -dimethyl-2-propenamide, Fomblin Z-DOL, α -[[3-(2-hydroxyethyl)propyl dimethylsilyl]- ω - [[3-(2-hydroxyethoxy)propyl]dimethylsilyl]oxy]poly[oxy (dimethylsilylene)], 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, and 3-[3,3,3-trimethyl-1,1-bis[trimethylsilyl]oxy]disiloxanyl]propyl 2-methyl-2-propenoate
	(2) 2-isocyanatoethyl methacrylate polymer with <i>N,N</i> -dimethylacrylamide, 2,2,4,4,6,6,8,8,10,10,12,12,14,14,16,16,17,17,19,19,20,20, 22,22,23,23,25,25, 26,26,28,28,29,29,31,31-hexatriacontafluoro-3,5,7,9,11,13,15,18,21,24,27,30-dodecaoxadotriacontane-1,32-diol, 2,2-[(tetrapentacontamethylheptacosasiloxanylene)bis(trimethyleneoxy)diethanol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, and 3-[3,3,3-trimethyl-1,1-bis[trimethylsiloxy]disiloxanyl]propylmethacrylate
STRUCTURAL FORMULA	(see page 2)
MOLECULAR FORMULA	$(C_{103}H_{217}N_3F_{36}O_{49}Si_{27})_x (C_5H_9NO)_y (C_{16}H_{38}O_5Si_4)_z$
TRADEMARK	Unknown as yet
MANUFACTURER	Ciba Vision Corporation
WATER CONTENT at ambient temperature (23±2°C)	33%
OXYGEN PERMEABILITY at 35°C (Dk intrinsic)	$110 \pm 2 \times 10^{-9} \text{ (cm}^2/\text{sec)(ml O}_2\text{/ml x mm Hg)}$
CAS REGISTRY NUMBER	203170-33-3

STRUCTURAL FORMULA

