

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN

SIFILCON A

PRONUNCIATION

sye fil' kon

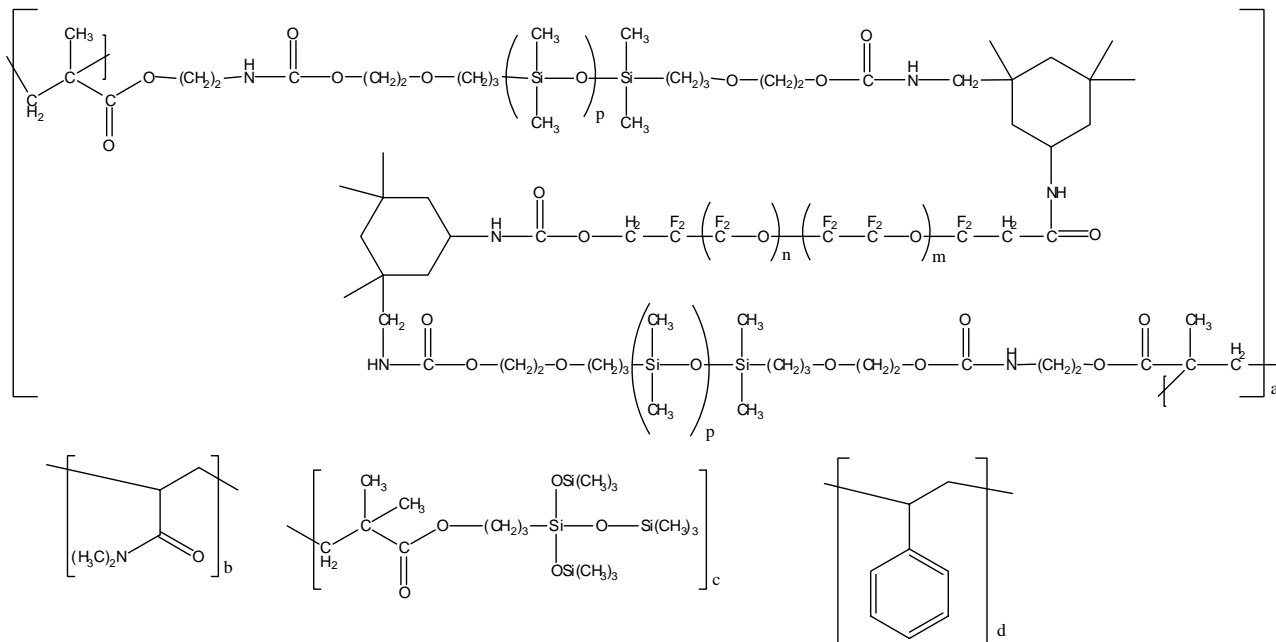
INGREDIENT FUNCTION

contact lens material (hydrophilic)

CHEMICAL NAME

2-Propenoic acid, 2-methyl-, 2-isocyanatoethyl ester, polymers with N,N-dimethyl-2-propenamamide, α -[[3-(2-hydroxyethoxy)propyl]dimethylsilyl]- ω -[[[3-(2-hydroxyethoxy)propyl]dimethylsilyl]oxy]poly[oxy(dimethylsilylene)], 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, reduced Me esters of reduced polymd. Oxidized tetrafluoroethylene, styrene and 3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propyl methacrylate

STRUCTURAL FORMULA



$m = 3.5-5.5$; $n = 4.0-6.5$; $p = 22-26$

MOLECULAR FORMULA

$(C_{103}H_{217}N_3F_{36}O_{49}Si_{27})_a(C_5H_9NO)_b(C_{16}H_{38}O_5Si_4)_c(C_8H_8)_d$

TRADEMARK

None as yet

MANUFACTURER

Ciba Vision Corporation

WATER CONTENT

$32 \pm 2\%$

(at ambient temperature ($23 \pm 2^\circ C$))

OXYGEN PERMEABILITY

82 ± 1 barrers

at $35^\circ C$ (Dk Value)

CAS REGISTRY NUMBER

867217-46-7