

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN

COMFILCON A

PRONUNCIATION

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INGREDIENT FUNCTION

contact lens material (hydrophilic)

CHEMICAL NAME

1. Siloxanes and Silicones, di-Me, Bu group- and 14-methyl-8,13-dioxo-4,7,12-trioxa-9-azapentadec-14-en-1-yl group-terminated, polymers with 1,2-butanediol monomethacrylate, N-ethenyl-N-methylacetamide, rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate, [(1,1,15-trimethyl-9,14-dioxo-5,8,13-trioxa-10-aza-1-silahexadec-15-en-1-yl)oxy]-terminated di-Me, 3-hydroxypropyl Me, Me 3,3,3-trifluoropropyl siloxanes ethers with polyethylene glycol mono-Me ether, 1,3,5-tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione and vinylpyrrolidone
2. 2,2'-{[poly(dimethylsiloxane)- α,ω -diyl]oxy[poly({3-[ω -methoxypoly(ethyleneoxy)]propyl}methylsiloxane)- α,ω -diyl]oxy{poly[methyl(3,3,3-trifluoropropyl)siloxane]- α,ω -diyl}bis(propane-1,3-diyl)oxy}diethyl bis({2-[(2-methylprop-2-enoyl)oxy]ethyl} carbamate) polymer with 2-{3-[ω -butylpoly(dimethylsiloxan)- α -yl]propoxy}ethyl {2-[(2-methylprop-2-enoyl)oxy]ethyl} carbamate, N-ethenyl-N-methylacetamide, 1-ethenylpyrrolidin-2-one, (2RS)-2-hydroxybutyl 2-methylprop-2-enoate, rac-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-methylprop-2-enoate and 1,3,5-tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione
3. α -{[3-(2-{[2-(methacryloyloxy)ethyl]carbamoyloxy}ethoxy)propyl]dimethylsilyl}- ω -[3-(2-{[2-(methacryloyloxy)ethyl]carbamoyloxy}ethoxy)propyl]poly({oxy[(methyl){3-[ω -methylpoly(oxyethylene)oxy}propyl]silylene}/oxy[(methyl)(3,3,3-trifluoropropyl)]silylene)/oxy(dimethylsilylene)) polymer with 2-{3-[ω -butylpoly(dimethylsiloxan)- α -yl]propoxy}ethyl {2-[(2-methylprop-2-enoyl)oxy]ethyl} carbamate, N-ethenyl-N-methylacetamide, 1-ethenylpyrrolidin-2-one, (2RS)-2-hydroxybutyl 2-methylprop-2-enoate, rac-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-methylprop-2-enoate and 1,3,5-tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione

OXYGEN PERMEABILITY
at 35°C (Dk Value)

$128 \pm 2\% \times 10^{-11} (\text{cm}^2/\text{sec})(\text{ml O}_2/\text{ml x mm Hg})$

CAS REGISTRY NUMBER

848189-44-6