

USAN

SULFOCON B

PRONUNCIATION

sul foe' kon

INGREDIENT FUNCTION

contact lens material (hydrophobic)

CHEMICAL NAMES

- 1) methyl 2-methyl-2-propenoate polymer with cyclohexyl 2-methyl-2-propenoate, 3-[1-[(dimethylsilyloxy)-3,3,5,5,7,7-hexamethyl-1-[(1,1,3,3-tetramethyldisiloxanyl)oxy]-tetrasiloxanyl]propyl-2-methyl-2-propenoate, 1,2-ethanediylbis(oxy-2,1-ethanediyl) bis(2-methyl-2-propenoate), 1-ethenyl-2-pyrrolidinone, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and 2-methyl-2-propenoic acid
- 2) methyl methacrylate polymer with cyclohexyl methacrylate, 3-[1-(dimethylsiloxy)-3,3,5,5,7,7-hexamethyl-1-(1,1,3,3-tetramethyldisiloxanoxy)tetrasiloxanyl]propyl methacrylate, triethylene glycol dimethacrylate, 1-vinyl-2-pyrrolidinone, 2-(*N*-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonamido)ethyl methacrylate and methacrylic acid

STRUCTURAL FORMULA

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MOLECULAR FORMULA

$(C_5H_8O_2)_n (C_{10}H_{16}O_2)_m (C_{19}H_{50}O_8Si_7)_x$
 $(C_{14}H_{22}O_6)_y (C_6H_9NO)_z (C_{16}H_{14}F_{17}NO_4S)_g$
 $(C_4H_6O_2)_q$

TRADEMARK

The Alberta Lens™ SM2

MANUFACTURER

Progressive Optical Research Ltd

WATER CONTENT

< .2%

at ambient temperature (23±2°C)

OXYGEN PERMEABILITY

$45 \times 10^{-11} (\text{cm}^2/\text{sec})(\text{ml O}_2/\text{ml} \times \text{mm Hg})$

at 35°C (Dk Value)

CAS REGISTRY NUMBER

requested

STRUCTURAL FORMULA FOR SULFOCON B

