

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN	GALYFILCON A
PRONUNCIATION	gal ee fil' kon
INGREDIENT FUNCTION	contact lens material (hydrophilic)

CHEMICAL NAMES

- 1) Siloxanes and Silicones, di-Me, Bu group- and 3-[(2-methyl-1-oxo-2-propenyl)oxy]propyl group-terminated (n=11), polymers with *N,N*-dimethyl-2-propenamide, ethylene dimethacrylate, 2-hydroxyethyl methacrylate, 2-hydroxy-3-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propoxy]propyl methacrylate and vinylpyrrolidone
- 2) Copolymer of 3-(23-butyltetracosamethyldodecasiloxanyl)propyl 2-methylprop-2-enoate (n=11), *N,N*-dimethylprop-2-enamide, 1-ethenylpyrrolidin-2-one, ethylene bis(2-methylprop-2-enoate), 2-hydroxyethyl 2-methylprop-2-enoate and (2*RS*)-2-hydroxy-3-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propoxy]propyl 2-methylprop-2-enoate

STRUCTURAL FORMULA

(See page 2)

MOLECULAR FORMULA (n=11)  $(C_6H_{10}O_3)_a (C_{17}H_{38}O_6Si_3)_b (C_5H_9NO)_c$   
 $(C_6H_9NO)_d (C_{35}H_{92}O_{13}Si_{12})_e$   
 $(C_{10}H_{14}O_4)_f$

TRADEMARK Unknown as yet

MANUFACTURER Vistakon (Division of Johnson & Johnson)

PURITY OF 2-hydroxyethyl methacrylate (HEMA) 99%

WATER CONTENT 47%  
(at ambient temperature (23±2°C))

OXYGEN PERMEABILITY  $60 \pm 2 \times 10^{-11} (\text{cm}^2/\text{sec})(\text{ml O}_2/\text{ml} \times \text{mm Hg})$   
at 35°C (Dk Value)

CAS REGISTRY NUMBER 446264-97-7

STRUCTURAL FORMULA – GALYFILCON A

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