

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN PAFLUFOCON D-HEM-IBERFILCON A
PRONUNCIATION (pa floo foe' kon) (eye ber fil' kon)
INGREDIENT FUNCTION contact lens material (hybrid)

CHEMICAL DESCRIPTION

A hybrid contact lens material composed of:

COMPONENT A: paflucocon D - rigid gas permeable center

COMPONENT B: iberfilcon A - poly HEMA soft skirt, attached to the above hard center

CHEMICAL NAMES

COMPONENT A: paflucocon D

2-propenoic acid, 2-methyl-, 2,2,2-trifluoroethyl ester, polymer with [1,1,3,3-tetrakis[(trimethylsilyl)oxy]-1,3-disiloxanediyl]di-3,1-propanediyl bis(2-methyl-2-propenoate), methyl 2-methyl-2-propenoate, 2-methyl-2-propenoic acid, 3-[1-hydroxy-3,3,3-trimethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate, 3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate and 1,2-ethanediyl bis(2-methyl-2-propenoate)

COMPONENT B: iberfilcon A

2-propenoic acid, 2-methyl-, 2-ethyl-2-[[[(2-methyl-1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with 2,2-diethoxy-1-phenylethanone, 2-hydroxyethyl 2-methyl-2-propenoate and 2-methoxyethyl 2-methyl-2-propenoate

STRUCTURAL FORMULA

See Pages 3 and 4

MOLECULAR FORMULA

COMPONENT A: paflucocon D

$(C_6H_7F_3O_2)_t (C_{26}H_{58}O_8Si_6)_u (C_5H_8O_2)_v (C_4H_6O_2)_w (C_{13}H_{30}O_5Si_3)_x (C_{16}H_{38}O_5Si_4)_y (C_{10}H_{14}O_4)_z$

COMPONENT B: iberfilcon A

$(C_{18}H_{26}O_6)_w (C_{12}H_{16}O_3)_x (C_7H_{12}O_3)_y (C_6H_{10}O_3)_z$

TRADEMARK

SynergEyes®

MANUFACTURER

SynergEyes, Inc.

WATER CONTENT

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

COMPONENT A:

<1% (paflucocon D)

COMPONENT B:

27% (iberfilcon A)

OXYGEN PERMEABILITY

at 35°C (Dk Value)

COMPONENT A:

145 (paflucocon D)

COMPONENT B:

9.3 (iberfilcon A)

CAS REGISTRY NUMBERS

COMPONENT A:

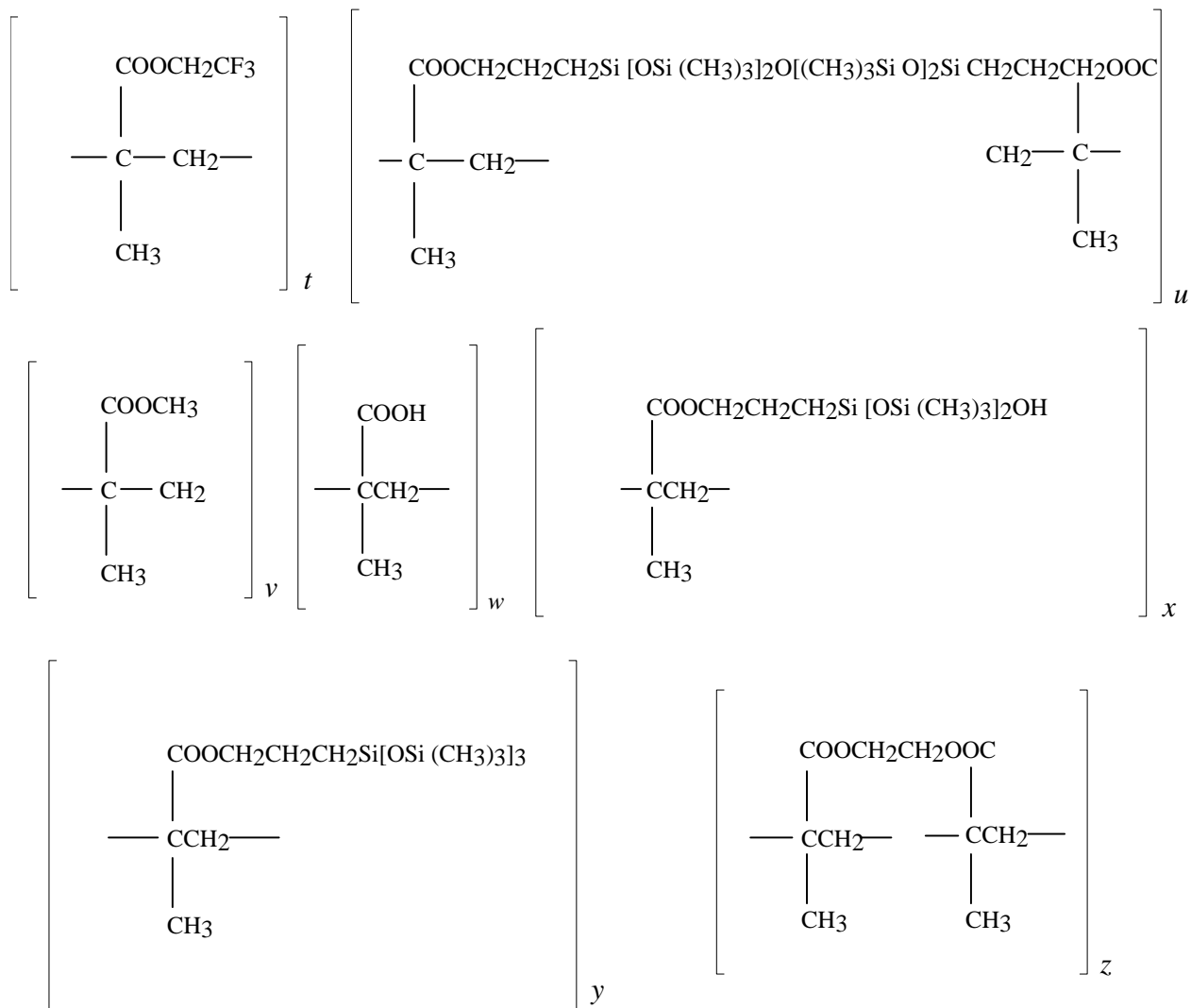
109550-08-5 (paflucocon D)

COMPONENT B:

847923-13-1 (iberfilcon A)

STRUCTURAL FORMULA

COMPONENT A: **PAFLUFOCON D**



STRUCTURAL FORMULA

COMPONENT B: **IBERFILCON A**

