

New Normal 시대의 **매너실드 (Mænnershield)**

“ **Mænnershield** Maketh Comfort ! ”

KAMCO

(Korea Advanced Materials Co., Ltd)

New Normal 시대의 매너실드 (**Mænnershield**)

나와 고객이 편안하고

New Normal 시대를 지키는

매너실드 (Mænnershield)

“ Mænnershield Maketh Comfort ! ”

“ Mænnershield Maketh Comfort ! ”



▪ 매너실드 (전면형, 대형)



▪ 매너실드 (시야 오픈형, 소형)

“ Mænnershield Maketh Comfort ! ”

1. 특징 : All made in Korea

- 초경량 디자인으로 장시간을 착용해도 편안 goggle 착용감
- 사용 환경에 맞게 착용 가능 : 전면형, 시야오픈형
- 우수한 AF (anti-fog) 특성 및 장기 내구성
- 안경 착용자와 비착용자를 위한 인체공학적 설계
- 우수한 광학적 특성 : 광학용 투명 PET bare film 사용
- 친환경 (ECO friendly) 특성 : 선택적 판매 (E1 제품)

“ Mænnershield Maketh Comfort ! ”

2. 용도



- 교육用
: 교사, 학원 강사
유치원 교사 등



- 장시간 마스크를 쓰는 직업
: 개인 상점 및 서비스 업종
: 식당, 마트 등



- Business 用
: 고객 대면 or 상담



- 업무 用
: 사내 회의 시

“ Mænnershield Maketh Comfort ! ”

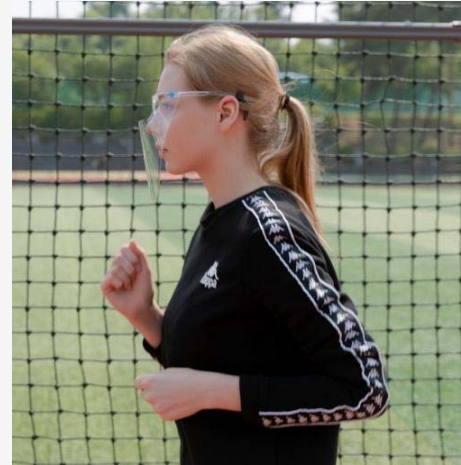
2. 용도



- 헬스 / 건강用
: 스포츠 관람 등



- 고객 상담
: 민원실, 은행 등



- 헬스 / 건강用
: 운동, 헬스 등



- 피부 트러블이 많은 사람
- 화장하는 여성분

“ Mænnershield Maketh Comfort ! ”

3. 종류

- G1 : 일반用, AF (Anti-Fog : 단면) 코팅 제품
- G2 : 일반用, AF (Anti-Fog : 양면) 코팅 제품
- E1 : 친환경用 (ECO friendly), AF (Anti-Fog : 단면) 코팅 제품

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4. 제품 구성

▪ Goggle Set

: Goggle Frame (1 set) + 코받침 (분리형 1개)

+ 안경 어댑터 (안경 착용자용 1개)

+ 이어 후크 (1 set) + 필름 후크 (2 set)

▪ 실드 필름 Set ⇒ AF film (188 um, 2장)

: 전면형 (대형, 1장) + 시야 오픈형 (소형, 1장)



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4. 매너실드 만의 장점

◆ 눈으로 사물을 직접 본다 !

- 국내 유일 “ 시야 오픈형 (Sight-Open type) ” 쉴드필름 적용 (의장등록 출원 : 20년)
- 직접 눈으로 보기 때문에 장시간 착용해도 눈 피로감이 적고 선명한 시야를 확보한다

★ 기존 제품은 쉴드필름을 통해 간접적으로 본다. ★

- 눈 주위에 쉴드필름이 없어 항상 선명하고 깨끗한 시야로 볼 수 있다.

⇒ 교체 주기가 길어서 비용이 절감된다.

★ 기존 제품 (전면형)의 경우는 눈 주위를 필름이 막고 있기 때문에

자연적 오염으로 인하여 필름의 교체주기가 짧아 비용이 많이 든다. ★

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- **실드필름 (오픈형, 소형)**
: 직접 눈으로 본다



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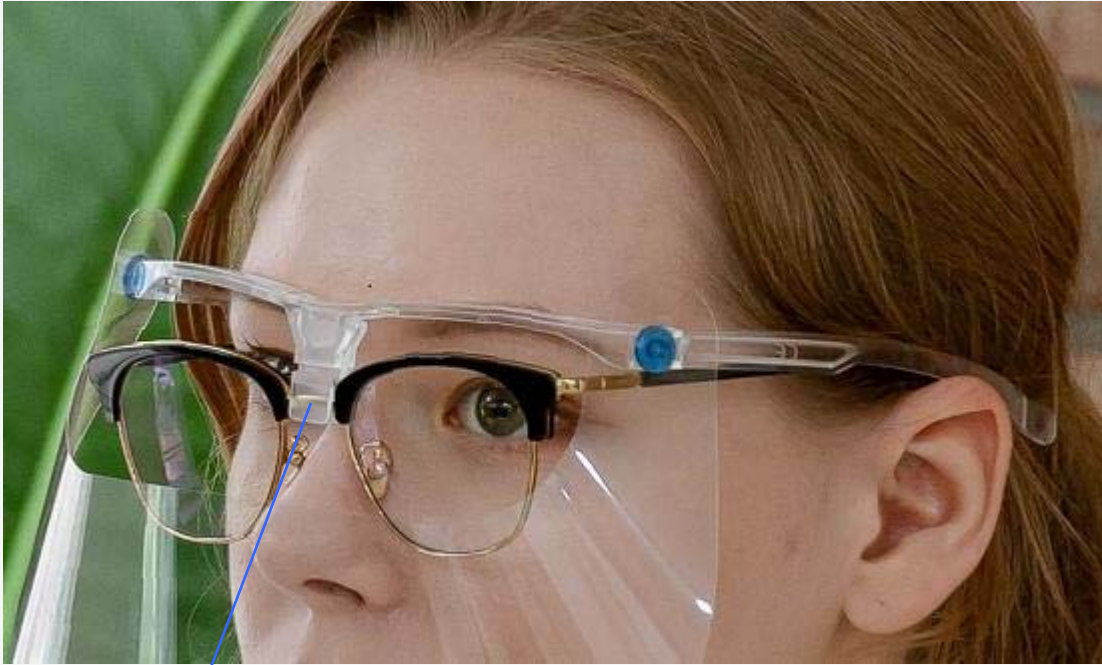
4. 매너실드 만의 장점

◆ 안경착용자도 자유롭게 사용할 수 있다 !!

- 국내 유일 “ 코걸이 분리형 goggle “ 적용 (실용신안 출원 : 10년)
- goggle 코걸이를 빼고 어댑터를 연결하여 안경테에 걸어 사용하기 때문
 - 장시간 착용해도 무게감을 느낄 수 없고 앞으로 쏠림이 없다.
 - 대부분의 안경 (썬글라스 등)에도 적용 가능하다.

★ 기존 제품은 코걸이 분리가 안되어 안경 안에 goggle을 또 착용해야 한다. ★

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- **안경 어댑터** (안경착용자 用)
: 대부분 안경에 적용 가능



- **코받침**
: 안경 미착용자 用

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4. 매너실드 만의 장점

◆ 아주 덥고 습한 환경에서도 착용한다. AF (김서링방지) 코팅 및 재사용 가능 !!!

▪ 국내 유일 “ AF (양면) 코팅 ” 쉴드필름 적용 : 매너실드 (G2) 경우

⇒ 열악한 주방, 습한 동남아에서도 착용 가능

▪ AF (김서링방지) 코팅 방식이므로

- 장시간 착용해도 김이 서리지 않고 항상 깨끗하다.

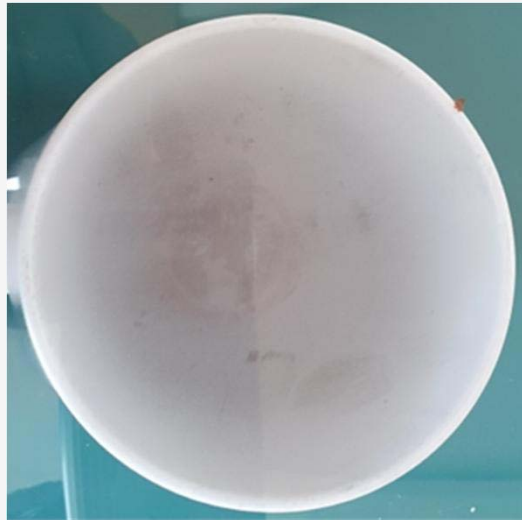
- AF 코팅면에 묻은 비말은 에탄올, 물 등으로 안경렌즈 닦듯이 cleaning 하여 재사용이 가능하다.

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4. 매너실드 만의 장점

◆ 실드필름 (AF 특성)

- 열탕 Test : 온수 (85°C)에서의 김서림 방지 (AF : Anti-Fog) Test



▪ Non AF 코팅면 : 김이 서린다.



▪ AF 코팅면 : 김이 서리지 않는다.

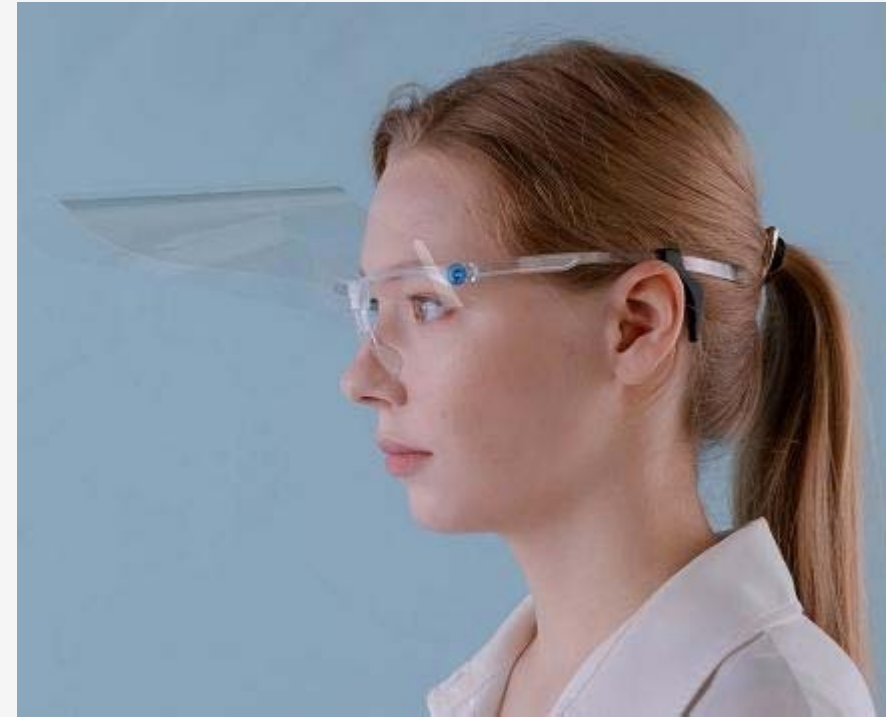
“ Mænnershield Maketh Comfort ! ”

4. 매너실드 만의 장점

▶ 매너실드를 착용하고 음료수를 자유롭게 마실 수 있다. !!

▪ 국내 유일 “실드필름 상하 이동 가능 Goggle “ 적용

★ 기존 제품은 실드필름의 상하 이동이 자유롭지 않다. ★



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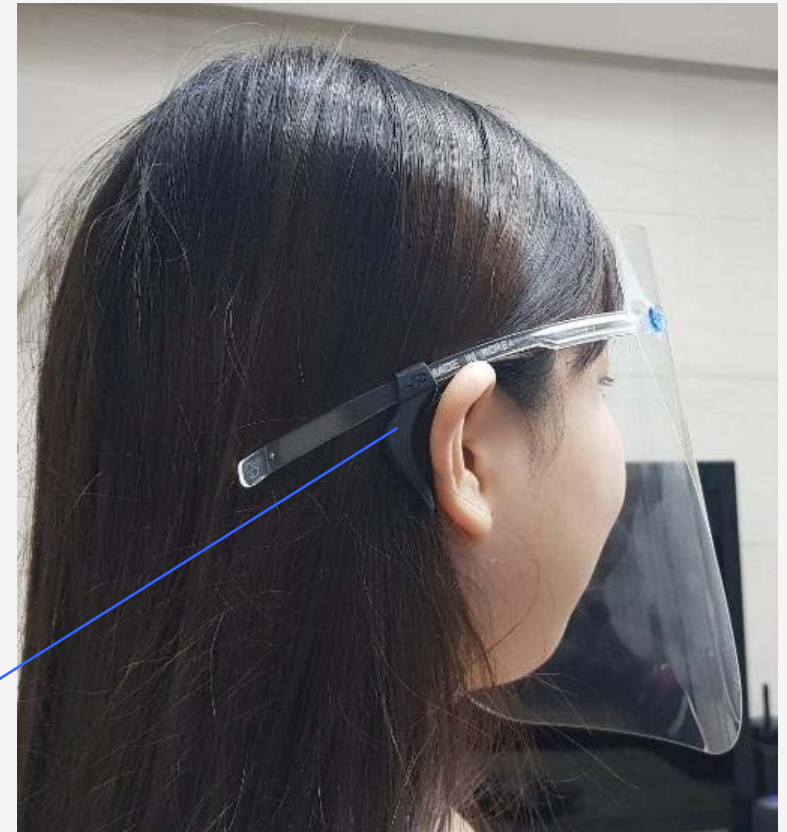
4. 매너шил드 만의 장점

▶ 누구나 착용할 수 있다. !!

- 남녀노소, 인종 구분 없이 “ 이어후크 ” 를 사용하여
두상의 크기에 따라 조절하여 누구나 착용 가능.

★ 기존 제품은 누구나 착용이 가능하지 않다. ★

- 이어후크
: 누구나 착용 가능



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4. 매너шил드 만의 장점

◆ 보관하기 편하다 !!

▪ 국내 유일 “ 접이 보관 가능한 Goggle ” 적용

★ 기존 제품은 접을 수 없어 세워서 보관한다. ★



Tech. Data – SGS (PET AF Film) : KAMCO



Test Report No. F690101/LF-CTSAVA20-32238 Issued Date : 2020.06.03 Page 1 of 4

KAMCO CO., LTD.
287, Simi-daeo Dongan-gu
Anyang-si, Gyeonggi-do
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No. : AVAA20-32238
Product Name : PET AF (Anti-Fog) Coated Film
Item No./Part No. : N/A
Client Reference Data : KFT-xxxxx, KFT-1004(B), KFT-1884(B), KFT-2504(B)
Received Date : 2020.05.29
Test Period : 2020.05.29 to 2020.06.03
Report Comments : By the applicant's request, item No./part No.s & client reference information are stated/added on report.
Test Results : For further details, please refer to following page(s)

SGS Korea Co., Ltd.

Tommy
Tommy Oh / Chemical Lab Mgr

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CS-0704-07 (01)

주소: 서울특별시 강남구 테헤란로 152 (영도동 152-1) | Tel: 02-2012-1111 | Fax: 02-2012-1112



Test Report No. F690101/LF-CTSAVA20-32238 Issued Date : 2020.06.03 Page 2 of 4

Sample No. : AVAA20-32238.001
Sample Description : PET AF (Anti-Fog) Coated Film
Item No./Part No. : N/A
Materials : PET film (Polyethylene terephthalate)

Heavy Metals

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	With reference to IEC 62321-6:2015 (Determination of Cadmium by ICP-OES)	0.5	N.D.
Lead (Pb)	mg/kg	With reference to IEC 62321-6:2015 (Determination of Lead by ICP-OES)	5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013 (Determination of Mercury by ICP-OES)	2	N.D.
Hexavalent Chromium (Cr(VI))*	mg/kg	With reference to IEC 62321-7:2017 (Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis and Microplate system) and/or with reference to IEC 62321-6:2015 (Determination of Chromium by ICP-OES)	8	N.D.

Flame Retardants-DBPs/PAPEs

Test Items	Unit	Test Method	MDL	Results
Monobromophenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Dibromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Tribromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
TetraBromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Pentabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Hexabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Heptabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Octabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Nonabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Decabromobiphenyl	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
TetraBromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.
Decabromodiphenyl ether	mg/kg	With reference to IEC 62321-6:2015 (GC-MS)	5	N.D.

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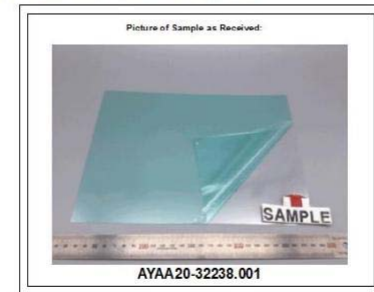
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Test Report No. F690101/LF-CTSAVA20-32238 Issued Date : 2020.06.03 Page 3 of 4

Sample No. : AVAA20-32238.001
Sample Description : PET AF (Anti-Fog) Coated Film
Item No./Part No. : N/A
Materials : PET film (Polyethylene terephthalate)

NOTE: (1) N.D. = Not detected (<MDL)
(2) mg/kg = ppm
(3) MDL = Method Detection Limit
(4) - = No regulation
(5) Negative = Undetectable / Positive = Detectable
(6) * = Qualitative analysis (No Unit)
(7) * = a. The result of Hexavalent Chromium (Cr(VI)) is 'ND' as the result of Chromium (Cr) is 'ND', and confirmation test of Hexavalent Chromium (Cr(VI)) is not required.
b. If the Chromium (Cr) content is greater than the MDL of Hexavalent Chromium (Cr(VI)), confirmation test of Hexavalent Chromium (Cr(VI)) is required.
(8) The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report is not related to Korea Laboratory Accreditation Scheme.



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Tech. Data – MSDS (ECOSIN) : SK chemicals



SAFETY DATA SHEET

SDS-EUEN-2017

Date Updated : 05th, April, 2017

Version : 5.0/EN

Regulation : In accordance with Regulation (EU) 453/2010 (REACH), Annex II

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Name of substance : [1] ECOZEN® T90, T90H, YH050, YF050, YA050, BS050, YM050, T95, T95H, YH100, YF100, YA100, BS100, BS100D, YM100, T110, T110H, YH300, YF300, YA300, BS300, BS300D, YM300, T120, T120H, YH400, YF400, YA400, BS400, YM400.

[2] ECOZEN® T90G, YH051, YF051, YA051, BS051, YM051, T95G, YH101, YF101, YA101, BS101, YM101, T110G, YH301, YF301, YA301, BS301, YM301, T120G, YH401, YF401, YA401, BS401, YM401, ECOZEN SE, ECOZEN SE-W, T90G C/BI, T90G wh1007, ECOZEN BP.

NOTE : Not all the above grades are available in all markets.

Synonyms : Copolyester.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Plastics.

Uses advised against : Not available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : SK Chemicals GmbH

Street address/P.O. Box : Mergenthalerallee 77, 65760 Eschborn, Germany

Telephone number (if possible, indicate telefax) : +49 6196 9020610 ; +49 6916 9020629

National contact : Not available.

1.4 Emergency Telephone

Emergency Telephone number : +49 6196 9020610

Opening hours : 09:00 ~ 17:00 (GMT +1).

Other comments (e.g. language(s) of the phone service) : Not available.

SECTION 2 : HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Is not classified according to Regulation (EC) No 1272/2008 [CLP] and Directive 67/548/EEC.

2.2 Label elements

Hazard pictograms : Not applicable.

Signal word : Not applicable.

Hazard statement : Not applicable.

Additional precautionary statements : Not applicable.

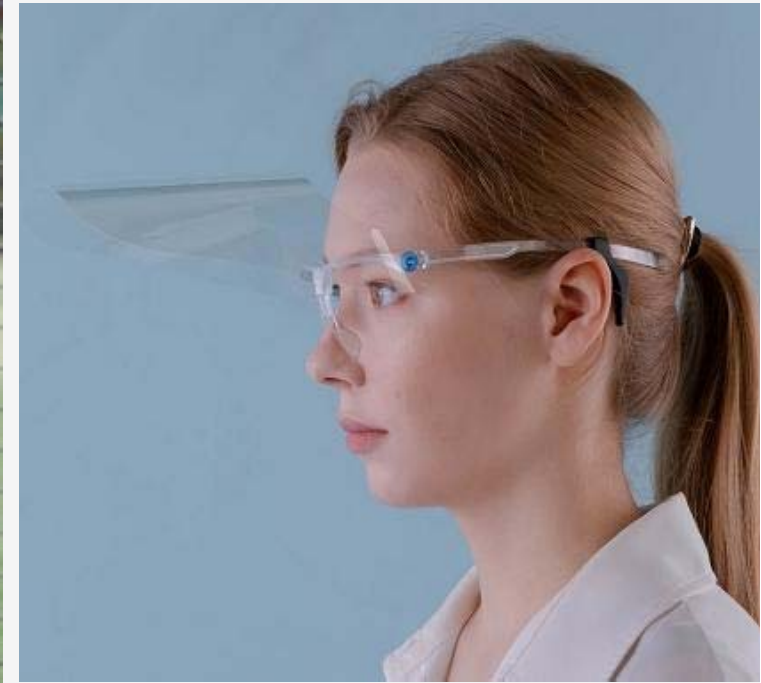
2.3 Other hazards

According to Annex XIII, the substance does not meet PBT or vPVB criteria.

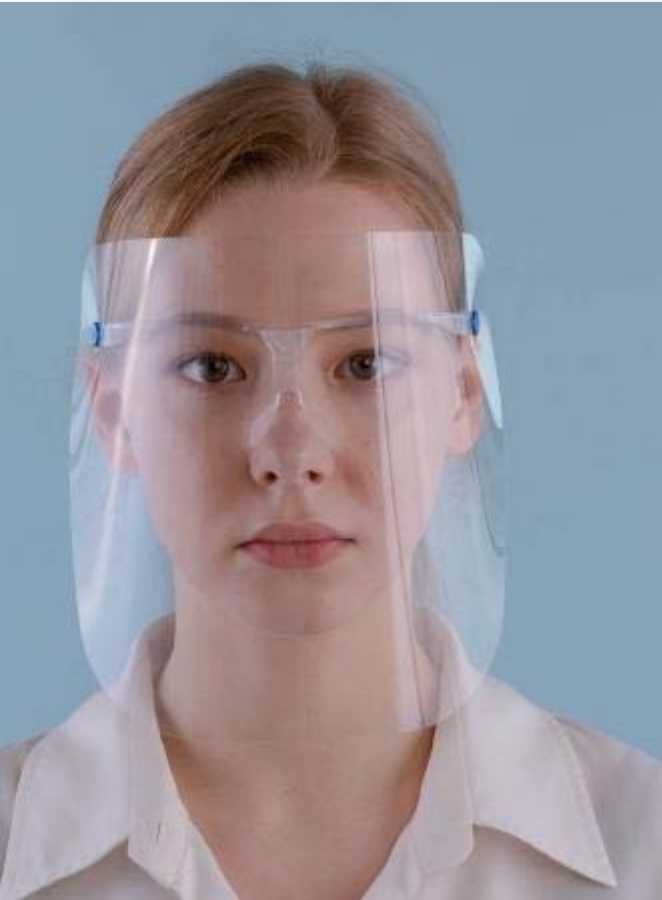
“ **Mænnershield** Maketh Comfort ! ”



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“ **Mænnershield** Maketh Comfort ! ”



“ Mænnershield Maketh Comfort ! ”

◆ 동영상 (유튜브) 링크

- <https://youtu.be/7CzPMfGmOIM>



동영상 (매너실드)

◆ 판매 루트

- B to B (B2B) : (주)캠코 (031-383-1703, www.ikamco.co.kr)
- B to C (B2C) : 쿠팡 (Lab Insite, <https://store.coupang.com/link/marketinsight>)