



TK586T LY

Tychem® 10000

DuPont™ Tychem® 10000, 모델 TK586T LY. 밀폐형 훈련복. 공기 호흡기 내부 착용을 위한 확장형 후면부, 전방 착의. 넓은 시야각 확보 가능한 폭이 넓은 1겹 안면창 (20 mil PVC). 부틸 장갑 부착. 양말 및 장화 덮개 부착. 지퍼 덮개. 솔기 테이핑 처리. 라임색 (형광 노란색). 훈련복임을 명확히 표기.

이름 설명

제품 참조 번호 TK586TLYxx0001yy (xx=size;yy=option code)

원단 및 소재 TYCHEM® 10000

디자인 밀폐형 훈련복, 공기 호흡기 내부 착용을 위한 확장형 후면부, 전방 착의

솔기 봉제 및 오버테이핑

컬러 라임색 (형광 노란색)

사이즈 XS,SM,MD,LG,XL,2X,3X,4X,5X,6X

수량/박스 1개/박스, 개별 포장

옵션 코드 00

제품 특성 & 상세 정보

DuPont™ Tychem® 10000, 모델 TK586T LY. 밀폐형 훈련복. 색상은 라임색(형광 노란색)으로 사이즈 XS~6XL 선택 가능. 술기 봉제 및 오버테이핑 처리. 공기 호흡기 내부 착용을 위한 확장형 후면부, 전방 착의. 1겹 안면창과 부틸 장갑, 양말 및 장화 덮개 부착. 지퍼와 지퍼 덮개.

Tychem® 10000은 탁월한 화학적 보호력을 지니고 있으며 뚫림 및 마모에 대한 저항력이 우수합니다. 또한, 유연하고 가벼우며 내구성 역시 뛰어난 원단입니다. Tychem® 10000 원단은 322종의 화학물질에 대하여 적어도 30분 이상의 투과저항을 제공하며 독성이 있거나 부식성이 있는 기체/액체/고체 화학물질로부터 작업자를 보호하기 위해서 특별히 개발되었습니다. 화학적 보호력이 탁월한 Tychem® 10000 보호복은 산업계, 위험물질 취급 및 국내 비상 사태 대비용으로 사용됩니다.

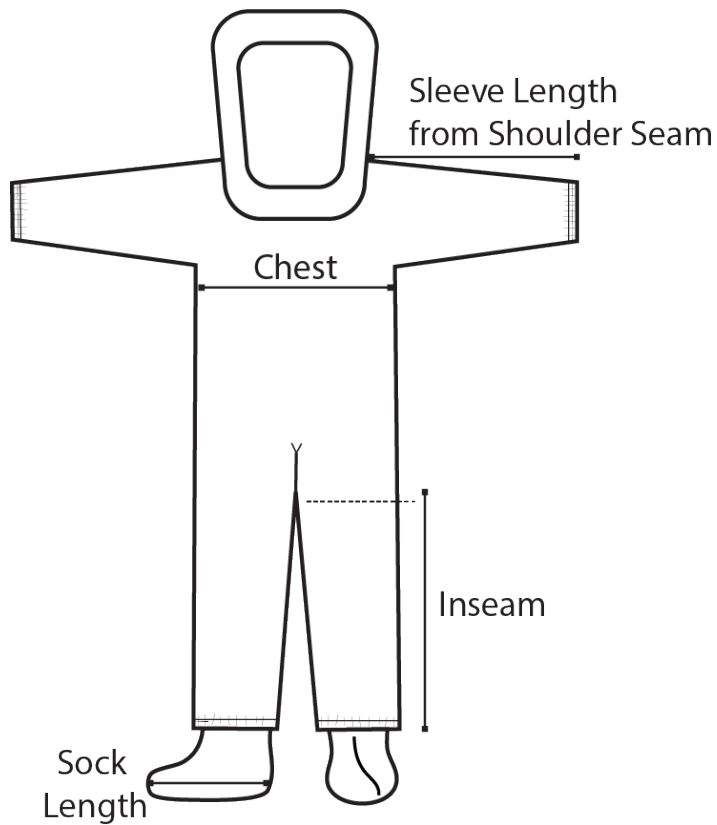
- 완전 밀폐형 디자인 타이캠® 10000 훈련복은 위험 물질 훈련을 위한 경제적이고 효과적인 선택입니다. 일반 타이캠™ 10000 보호복과 동일한 원단과 디자인입니다.
- 고농도 액체 튜브 현상에 대한 강력한 화학 보호력을 제공하는 테이핑 솔기 처리. 봉제된 솔기는 원단과 동일한 화학 보호력을 제공하는 테이프로 열접착
- 넓은 시야 확보를 위한 광폭 (EX) 단층 안면창 (20 mil PVC)
- 전면 개폐형 디자인은 착용자가 스스로 보호복을 부분적으로 입고 대기 상태 유지 가능하게 함
- 일체형 부틸 장갑
- 미국에서 생산되고, 북미자유무역협정(NAFTA)과 통상협정법(TAA)을 준수함
- 몸에 잘 밀착되도록 조절가능한 내부 허리 벨트
- 훈련 목적만을 위한 것으로 명확하게 표시

이용 가능한 옵션

옵션 코드	설명	사이즈	부품 번호
00	00	XS,SM,MD,LG,XL,2X,3X,4X,5X,6X	TK586TLYxx000100

세부 사양

- 특허 받은 폴리에스터로 양면 모두가 라미네이트된 다층 구조의 배리어 필름 원단인 DuPont™ Tychem® 10000으로 만들어졌습니다.
- 라임색 (형광 노란색) 색상입니다.
- 훈련복 디자인입니다.
- 테이핑 처리된 솔기입니다.
- 봉제된 솔기를 덮는 테이프는 원단과 동일하거나 더 높은 화학 보호력을 제공하는 필름으로 이루어져 있습니다.
- 단층의 20 mil PVC로 이루어진 광폭 안면창이 있습니다.
- 전면 지퍼 디자인입니다.
- 지퍼 덮개가 있습니다.
- 후면 확장형 디자인입니다.
- 내부 허리 벨트가 있습니다.
- 장갑 일체형 디자인입니다.
- 장갑의 외부는 부틸 소재입니다.
- 일체형 양말과 장화 덮개가 있습니다.
- 보호복 원단으로 만들어진 밑창이 있습니다.



완성된 치수

사이즈	소매 길이	가슴 너비	내부 숏기	맞는 가슴 너비	맞는 신장	부츠 길이
SM	28 1/4	29 1/4	29 3/4	45 1/4 - 48 3/4	5'0" - 5'9"	12 3/4
MD	28 1/4	29 1/4	29 3/4	45 1/4 - 48 3/4	5'0" - 5'9"	12 3/4
LG	29 1/4	30	30 3/4	46 3/4 - 50 1/4	5'9" - 6'3"	13 1/2
XL	29 1/4	30	30 3/4	46 3/4 - 50 1/4	5'9" - 6'3"	13 1/2
2X	30 3/4	31 1/2	32 1/2	49 3/4 - 53 1/4	6'3" - 6'5"	14 1/4
3X	30 3/4	31 1/2	32 1/2	49 3/4 - 53 1/4	6'3" - 6'5"	14 1/4
4X	32 3/4	33	34 1/4	52 3/4 - 56 1/4	6'5" - 6'7"	15
5X	34 1/4		36 1/4		6'5" - 6'7"	15 3/4

필요한 추가 장비

- Tychem® 사용 설명서를 읽고 숙지한 후 반드시 따르십시오.
- 보호복 양말 위에 별도로 적절한 외부 장화를 착용하십시오. 이 보호복에는 보호복 재질로 만든 양말이 부착되어 있습니다. 이 양말은 외부 보호장화로 사용할 수 없습니다. 이 양말은 외부 보호장화로 착용하기에 적합한 내구성이나 미끄럼 방지 기능이 없습니다.
- 위험 요소 평가 결과를 바탕으로 호흡기와 눈, 머리, 손, 발 등을 보호할 수 있는 적절한 개인안전 보호구를 착용하십시오. (8)
- 질식 위험이 있습니다. 밀폐형 보호복을 착용할 때에는 적절한 공기호흡기(SCBA) 또는 공기호스가 연결된 호흡기를 반드시 착용해야 합니다.
- 질식 위험이 있습니다. 밀폐형 보호복을 착용할 때에는 적절한 공기호흡기(SCBA) 또는 공기호스가 연결된 호흡기를 반드시 착용해야 합니다.

물리적 특성



듀폰 화학 보호복에 사용되는 원단의 기계적 성능과 관련된 정보는 테스트 방법 및 관련 유럽 기준에 따라 확인 가능합니다. 내마모성, 굴곡저항, 인장강도, 뚫림저항과 같은 성능들은 보호력을 평가할 때 도움이 될 수 있습니다.

속성	테스트 방법	전형적인 결과
두께	ASTM D1777	28 mils
옷의 가연성	16 CFR 1610	Class 1
인열 저항 - Trap Tear (CD)	ASTM D5733	56 lb _f
인열 저항 - Trap Tear (MD)	ASTM D5733	75 lb _f
중량	ASTM D3776	12 oz/yd ²
파괴 강도 - Grab (CD)	ASTM D5034	151 lb _f
파괴 강도 - Grab (MD)	ASTM D5034	170 lb _f
파열 강도 - 볼(Ball)	ASTM D3787	200 lb _f

1 한국산업안전보건공단 고용노동부고시 제 2020-35호 또는 EN 14325에 의거함 2 EN 14126에 따름 3 EN 1073-2에 따름 4 EN 14116에 따름 12 EN 11612에 따름 5 전면 Tyvek® / 후면 6 ASTM D-572에 따른 테스트에 기반함 7 추가 정보, 제한 및 경고는 지침을 참조해주시시오. > 초과 < 미만 N/A 해당 사항 없음 STD DEV 표준 편차

경고

- Cellosolve® 및 Selexol®은 Dow Chemicals Company의 등록 상표입니다. Skydrol®은 Solutia의 등록 상표입니다.
- 여기에 제공된 정보는 정보 게재일에 듀폰이 알고 있는 내용과 일치합니다. 이 정보는 새로운 정보 및 지식이 입수되면 수정될 수 있습니다. 제공된 데이터는 제품 특성의 정상적인 범위 내에 들며, 지정된 특정 물질과만 관련이 있습니다. 달리 명시되지 않은 경우, 해당 물질이 다른 물질이나 첨가물과 함께 사용되었다면 본 데이터가 유효하지 않을 수 있습니다. 제공된 데이터를 사양 한계 설정에 사용하거나, 단독으로 설계의 밀바탕으로 사용해서는 안 됩니다. 본 데이터는 여러분이 어느 소재의 특정 목적 적합성을 직접 판단하기 위해 실시해야 할 수도 있는 테스트를 대체하지 못합니다. 듀폰은 실제 최종 사용자 환경의 모든 변수들을 예측할 수 없기 때문에 이 정보의 사용과 관련하여 어떠한 보증도 하지 않으며, 어떠한 책임도 지지 않습니다. 여기에 수록된 어떤 내용도 사용 허가나 특허권 침해를 조장하는 근거로 간주될 수 없습니다. 여기에 제공된 정보는 정보 게재일에 듀폰이 알고 있는 내용과 일치합니다. 이 정보는 새로운 정보 및 지식이 입수되면 수정될 수 있습니다. 제공된 데이터는 제품 특성의 정상적인 범위 내에 들며, 지정된 특정 물질과만 관련이 있습니다. 달리 명시되지 않은 경우, 해당 물질이 다른 물질이나 첨가물과 함께 사용되었다면 본 데이터가 유효하지 않을 수 있습니다. 제공된 데이터를 사양 한계 설정에 사용하거나, 단독으로 설계의 밀바탕으로 사용해서는 안 됩니다. 본 데이터는 여러분이 어느 소재의 특정 목적 적합성을 직접 판단하기 위해 실시해야 할 수도 있는 테스트를 대체하지 못합니다. 듀폰은 실제 최종 사용자 환경의 모든 변수들을 예측할 수 없기 때문에 이 정보의 사용과 관련하여 어떠한 보증도 하지 않으며, 어떠한 책임도 지지 않습니다. 여기에 수록된 어떤 내용도 사용 허가나 특허권 침해를 조장하는 근거로 간주될 수 없습니다.

투과 데이터



투과란 고체, 액체 또는 기체성 화학물질이 분자 수준에서 보호복의 원단을 통과하는 화학작용을 의미합니다. 투과 데이터는 특정 용도에 가장 적합한 보호복을 선택할 때, 또한 보호복을 얼마나 오랫동안 안전하게 착용할 수 있는지 예상할 때 도움이 됩니다. 듀폰 원단의 투과 저항을 측정시 표준화된 시험 방법을 사용하며, 시험 결과는 특정 화학물질명, 화학물질 계열 또는 원단별로 확인하실 수 있습니다.

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
Acetaldehyde	Liquid	75-07-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Acetic acid (>95%)	Liquid	64-19-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Acetic acid 2 ethoxy ethyl ester	Liquid	111-15-9	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Acetic acid 2 methoxy ethyl ester	Liquid	110-49-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Acetic acid ethenyl ester	Liquid	108-05-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Acetic acid ethyl ester	Liquid	141-78-6	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Acetic acid pentyl ester	Liquid	628-63-7	>480	>480	>480	6	<0.003	0.003	<1.4	>480	6
Acetic anhydride	Liquid	108-24-7	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Acetic chloride	Liquid	75-36-5		>480	>480	6	<0.0126	0.0126			
Acetone	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Acetone cyanohydrin	Liquid	75-86-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Acetonitrile	Liquid	75-05-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Acetyl chloride	Liquid	75-36-5		>480	>480	6	<0.0126	0.0126			
Acroleic acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Acrolein	Liquid	107-02-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Acryl amide (50%)	Liquid	79-06-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Acrylic acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Acrylic acid ethyl ester	Liquid	140-88-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Acrylic acid n-butyl ester	Liquid	141-32-2	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Acrylic amide (50%)	Liquid	79-06-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Acrylonitrile	Liquid	107-13-1	>480	>480	>480	6	<0.0003	0.0003			
Adipic acid dinitrile	Liquid	111-69-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Adipic acid nitrile	Liquid	111-69-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Adiponitrile	Liquid	111-69-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Allyl alcohol	Liquid	107-18-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Allyl chloride	Liquid	107-05-1	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Amido sulfonic acid (15%)	Liquid	5329-14-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Amino 2-methylpropane, 2-	Liquid	75-64-9	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Amino 3,4-dichlorobenzene, 1-	Solid	95-76-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Amino 3,4-dichlorobenzene, 1- (70 °C, molten)	Liquid	95-76-1	128* /216	216* /284			2.4	0.001			

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
Amino benzene	Liquid	62-53-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Amino diphenyl, 4- (1 mg/ml in Methanol)	Liquid	92-67-1	>480	>480	>480	6	<0.0273	0.0273	<13	>480	6
Amino ethanol, 2-	Liquid	141-43-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Amino ethylethanolamine	Liquid	111-41-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Amino ethylethanolamine (60%)	Liquid	111-41-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Amino ethylpiperazine	Liquid	140-31-8	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Amino propane, 2-	Liquid	75-31-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ammonia (-70 °C, liquid)	Liquid	7664-41-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Ammonia (gaseous)	Vapor	7664-41-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ammonium fluoride (40%)	Liquid	12125-01-8		>480	>480	6	<0.1	0.01			
Ammonium hydroxide (28% - 30%)	Liquid	1336-21-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Amyl acetate, n-	Liquid	628-63-7	>480	>480	>480	6	<0.003	0.003	<1.4	>480	6
Amyl ester acetic acid	Liquid	628-63-7	>480	>480	>480	6	<0.003	0.003	<1.4	>480	6
Aniline	Liquid	62-53-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Arsine	Vapor	7784-42-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Aziridine	Liquid	151-56-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Azolidine	Liquid	123-75-1	407	413			9.2	0.012			
Benzenamine	Liquid	62-53-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Benzene	Liquid	71-43-2	>480	>480	>480	6	<0.0008	0.0008	<0.48	>480	6
Benzene carbonyl chloride	Liquid	98-88-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Benzene sulfone chloride	Liquid	98-09-9	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Benzene sulfonyl chloride	Liquid	98-09-9	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Benzene thiol	Liquid	108-98-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Benzidine (25% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Benzidine (75% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Benzo nitrile	Liquid	100-47-0	>480	>480	>480	6	<0.004	0.004	<1.9	>480	6
Benzoyl chloride	Liquid	98-88-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Benzyl chloride	Liquid	100-44-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Biphenyl -4,4'-diamine, 1,1'- (25% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Biphenyl -4,4'-diamine, 1,1'- (75% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6

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Bis (4-(2,3-epoxypropoxy)phenyl) propane	Liquid	1675-54-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Bis phenol A diglycidyl ether	Liquid	1675-54-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Black Liquor (mix)	Liquid	mix	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Boron fluoride ethyl ether	Liquid	109-63-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Boron trichloride	Vapor	10294-34-5		>480	>480	6	<0.1	0.00118			
Boron trifluoride	Vapor	7637-07-2	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Boron trifluoride diethyl etherate	Liquid	109-63-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Boron trifluoride etherate	Liquid	109-63-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Bromine	Liquid	7726-95-6	15	15	15	1	25	0.01			
Bromine (10 g/m ²)	Liquid	7726-95-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Bromine (sat vapour)	Vapor	7726-95-6	30*/40	30*/40	30*/40	1	>0.59	0.1			
Bromo 4-fluorobenzene, 1-	Liquid	460-00-4	>480	>480	>480	6	<0.0013	0.0013	<0.6	>480	6
Bromo fluorobenzene, 4-	Liquid	460-00-4	>480	>480	>480	6	<0.0013	0.0013	<0.6	>480	6
Bromo methane	Vapor	74-83-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Butadiene, 1,3- (0 °C, liquid)	Liquid	106-99-0	>180	>180	>180	4	<0.01	0.01	<4.8	>480	6
Butadiene, 1,3- (gaseous)	Vapor	106-99-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Butanal, n-	Liquid	123-72-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Butanol, 1-	Liquid	71-36-3	>480	>480	>480	6	<0.002	0.002	<1	>480	6
Butanol, n-	Liquid	71-36-3	>480	>480	>480	6	<0.002	0.002	<1	>480	6
Butanone	Liquid	78-93-3	>480	>480	>480	6	<0.0067	0.0067	<3.2	>480	6
Butanone oxime, 2-	Liquid	96-29-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Butenal, 2-	Liquid	123-73-9		>480	>480	6	<0.1	0.006			
Butyl acetate, n-	Liquid	123-86-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Butyl acrylate, n-	Liquid	141-32-2	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Butyl alcohol, n-	Liquid	71-36-3	>480	>480	>480	6	<0.002	0.002	<1	>480	6
Butyl amine	Liquid	109-73-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Butyl amine, tert-	Liquid	75-64-9	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Butyl ether, n-	Liquid	142-96-1	228*/396	>480	>480	6	0.001	0.001			
Butyraldehyde, n-	Liquid	123-72-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Carbon disulfide	Liquid	75-15-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6

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Carbon monoxide	Vapor	630-08-0	330	330	>480	6	0.1	0.1			
Carbon tetrachloride	Liquid	56-23-5	>480	>480	>480	6	<0.015	0.015	<7.2	>480	6
Carbon tetrafluoride	Vapor	75-73-0	>480	>480	>480	6	<0.0177	0.0177	<8.5	>480	6
Caustic ammonia (28% - 30%)	Liquid	1336-21-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Caustic soda (50%)	Liquid	1310-73-2	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Cellosolve acetate	Liquid	110-80-5	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6
Chlor allylene	Liquid	107-05-1	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Chlordane (60-75%)	Liquid	57-74-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Chlorine (-70 °C, liquid)	Liquid	7782-50-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Chlorine (gaseous)	Vapor	7782-50-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Chlorine sulfide	Liquid	10545-99-0	440	440	>480	6	<0.3	0.1	<48	>480	6
Chlorine sulfide (80%)	Liquid	10545-99-0	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Chlorine trifluoride	Vapor	7790-91-2	45	45	45	2	96	0.1			
Chloro -1,2-propanediol, 3-	Liquid	96-24-2		>480	>480	6	<0.0142	0.0142			
Chloro 1-methylbenzene, 2-	Liquid	95-49-8	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Chloro 2,3-epoxy propane, 1-	Liquid	106-89-8	>480	>480	>480	6	<0.014	0.014	<6.7	>480	6
Chloro acetic acid (80%)	Liquid	79-11-8		>480	>480	6	<0.01	0.01			
Chloro acetyl chloride	Liquid	79-04-9	160	160	170	4	23.2	0.1			
Chloro aniline, p-	Solid	106-47-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Chloro aniline, p- (70 °C, molten)	Liquid	106-47-8	272	272* /323	355	5	9.4	0.001			
Chloro benzenamine, 4-	Solid	106-47-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Chloro benzenamine, 4- (70 °C, molten)	Liquid	106-47-8	272	272* /323	355	5	9.4	0.001			
Chloro benzene	Liquid	108-90-7	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Chloro ethanol, 2-	Liquid	107-07-3	>480	>480	>480	6	<0.0082	0.0082	<3.9	>480	6
Chloro ethene	Vapor	75-01-4	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Chloro form	Liquid	67-66-3	>480	>480	>480	6	<0.0037	0.0037	<1.7	>480	6
Chloro methyl methyl ether	Liquid	107-30-2	305	>480	>480	6	0.03	0.001			
Chloro phenol, p- (sat in Methanol)	Liquid	106-48-9	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Chloro prene, 3-	Liquid	107-05-1	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Chloro toluene, alpha-	Liquid	100-44-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6

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Chloro toluene, o-	Liquid	95-49-8	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Chlorsulfonic acid	Liquid	7790-94-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Chromic acid (CrO3) (44.9%)	Liquid	1333-82-0	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Cresols, mixed isomers	Liquid	1319-77-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Cresylic acid	Liquid	1319-77-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Croton aldehyde	Liquid	123-73-9		>480	>480	6	<0.1	0.006			
Crude oil, California	Liquid	8002-05-9	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Cumene	Liquid	98-82-8	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Cyanide chloride (20% in Toluene)	Liquid	108-77-0	>480	>480	>480	6	<0.10	0.1	<48	>480	6
Cyanobenzene	Liquid	100-47-0	>480	>480	>480	6	<0.004	0.004	<1.9	>480	6
Cyanoethylene	Liquid	107-13-1	>480	>480	>480	6	<0.0003	0.0003			
Cyanomethane	Liquid	75-05-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Cyanopropan-2-ol, 2-	Liquid	75-86-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Cyclo hexane	Liquid	110-82-7	>480	>480	>480	6	<0.0028	0.0028	<1.3	>480	6
Cyclo hexanone	Liquid	108-94-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Diaminobiphenyl, 4,4'- (25% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Diaminobiphenyl, 4,4'- (75% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Diaminodiphenyl, p- (25% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Diaminodiphenyl, p- (75% in Methanol)	Liquid	92-87-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Diaminodiphenylmethane, 4,4'-	Liquid	101-77-9	>480	>480	>480	6	<0.1	0.1	<4.8	>480	6
Diaminodiphenylmethane, 4,4'- (15% in Methyl Ethyl Ketone)	Liquid	101-77-9	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Diaminoethane, 1,2-	Liquid	107-15-3	>480	>480	>480	6	<0.0097	0.0097	<4.7	>480	6
Diborane (10%)	Vapor	19287-45-7		>480	>480	6	<0.1	0.0045			
Dibromoethane, 1,2-	Liquid	106-93-4	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Dichlorbenzen, 1,2-	Liquid	95-50-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Dichlorbenzen, 1,3-	Liquid	541-73-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Dichlorbenzen, 1,4- (50% in Ethanol)	Liquid	106-46-7	251	>480	>480	6	<0.02	0.005	<0.9	>480	6
Dichlorethane, 1,2.-	Liquid	107-06-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Dichloro -2-propanone, 1,3- (95% at 40 °C, molten)	Liquid	534-07-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Dichloro -4,4'-methylenedianiline, 2,2'- (sat in Methanol)	Liquid	101-14-4	>480	>480	>480	6	<0.1	0.1	<48	>480	6

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Dichloro -6-isopropyl-S-triazine, 2,4- (22% in Toluene)	Liquid	30894-74-7	>480	>480	>480	6	<0.10	0.1	<48	>480	6
Dichloro acetone, 1,3- (95% at 40 °C, molten)	Liquid	534-07-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Dichloro acetyl chloride	Liquid	79-36-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Dichloro aniline, 3,4-	Solid	95-76-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Dichloro aniline, 3,4- (70 °C, molten)	Liquid	95-76-1	128* /216	216* /284			2.4	0.001			
Dichloro ethyl ether	Liquid	111-44-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Dichloro ethylene, 1,1-	Liquid	75-35-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Dichloro methane	Liquid	75-09-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Dichloro propene, 2,3-	Liquid	78-88-6	>480	>480	>480	6	<0.0081	0.0081	<3.8	>480	6
Dichloro silane	Vapor	4109-96-0	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Dicyanobutane, 1,4-	Liquid	111-69-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Diesel Fuel Grade D-2	Liquid	mix	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Diesel fuel	Liquid	68334-30-5	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Diethyl amine	Liquid	109-89-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Diethyl aniline, N,N-	Liquid	91-66-7	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Diethyl benzene (95%)	Liquid	25340-17-4	>480	>480	>480	6	<0.022	0.022	<10.6	>480	6
Diethyl ethanamine, N,N-	Liquid	121-44-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Diethyl ether	Liquid	60-29-7	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Diethyl hexyl phthalate	Liquid	117-81-7	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Diethyl sulfate	Liquid	64-67-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Diethylene imide oxide	Liquid	110-91-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Diethylene triamine	Liquid	111-40-0	>480	>480	>480	6	<0.0166	0.0166	<8	>480	6
Diiodo-1,1,2,2-tetrafluorobutane, 1,4-	Liquid	755-95-3		>480							
Dimethyl acetamide, N,N-	Liquid	127-19-5	>480	>480	>480	6	<0.006	0.006	<2.9	>480	6
Dimethyl amine	Vapor	124-40-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Dimethyl aniline, N,N-	Liquid	121-69-7	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Dimethyl dichlorosilane	Liquid	75-78-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Dimethyl ether	Vapor	115-10-6	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Dimethyl formamide, N,N-	Liquid	68-12-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Dimethyl hydrazine, N,N-	Liquid	57-14-7		>480 ⁸							

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Dimethyl ketal	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Dimethyl ketone	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Dimethyl phenylamine, N,N-	Liquid	121-69-7	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Dimethyl sulfate	Liquid	77-78-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Dimethyl sulfoxide	Liquid	67-68-5	164* /372	>480	>480	6	0.003	0.001	<14.4	>480	6
Dinitro-o-cresol, 4,6- (sat in Methanol)	Liquid	534-52-1	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Dinitrocresol (sat in Methanol)	Liquid	534-52-1	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Dioxane, 1,4-	Liquid	123-91-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Diphenyl methane diisocyanate, 4,4'-	Solid	101-68-8	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Diphenyl methane diisocyanate, 4,4'- (50 °C, molten)	Liquid	101-68-8	>480	>480	>480	6	<0.0403	0.0403	<19.3	>480	6
Disodium sulfide (60% (slurry))	Liquid	1313-82-2		>480	>480	6	<0.1	0.052			
Disulphur dichloride	Liquid	10025-67-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Epichlorohydrin	Liquid	106-89-8	>480	>480	>480	6	<0.014	0.014	<6.7	>480	6
Epoxy ethane (-70 °C, liquid)	Liquid	75-21-8	>180	>180	>180	4	<0.02	0.02	<9.6	>480	6
Epoxy ethane (0 °C, liquid)	Liquid	75-21-8	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Epoxy ethane (10% in HCFC)	Vapor	75-21-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Epoxy ethane (gaseous)	Vapor	75-21-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Epoxy propane, 1,2-	Liquid	75-56-9	>480	>480	>480	6	<0.0016	0.0016	<0.7	>480	6
Ethane 1,2-diol	Liquid	107-21-1		>480	>480	6	<0.1	0.014			
Ethane dioic acid (10.5%)	Liquid	144-62-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Ethane diol dipropionate, 1,2-	Liquid	123-73-9		>480	>480	6	<0.1	0.006			
Ethane nitrile	Liquid	75-05-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethane thiol	Liquid	75-08-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethane trichloride	Liquid	79-00-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Ethanol amine	Liquid	141-43-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Ethanoyl chloride	Vapor	75-00-3	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Ethanoyl chloride	Liquid	75-36-5		>480	>480	6	<0.0126	0.0126			
Ethoxy ethanol, 2-	Liquid	110-80-5	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6
Ethoxy ethylacetat	Liquid	111-15-9	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethyl Cellosolve®	Liquid	110-80-5	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
Ethyl acetate	Liquid	141-78-6	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethyl acrylate	Liquid	140-88-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Ethyl amine (15 °C, liquid)	Liquid	75-04-7	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Ethyl benzene	Liquid	100-41-4	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethyl chloride	Vapor	75-00-3	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Ethyl ethanamine, N-	Liquid	109-89-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethyl ether	Liquid	60-29-7	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Ethyl glycol acetate	Liquid	111-15-9	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethyl mercaptan	Liquid	75-08-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethyl nitrile	Liquid	75-05-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethyl parathion	Liquid	56-38-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethylene carboxylic acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Ethylene chlorohydrin	Liquid	107-07-3	>480	>480	>480	6	<0.0082	0.0082	<3.9	>480	6
Ethylene diamine	Liquid	107-15-3	>480	>480	>480	6	<0.0097	0.0097	<4.7	>480	6
Ethylene dibromide	Liquid	106-93-4	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Ethylene dichloride	Liquid	107-06-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethylene glycol	Liquid	107-21-1		>480	>480	6	<0.1	0.014			
Ethylene glycol mono ethyl ether acetate	Liquid	111-15-9	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethylene glycol monoethyl ether	Liquid	110-80-5	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6
Ethylene glycol monomethyl ether	Liquid	109-86-4	>480	>480	>480	6	<0.005	0.005	<4.8	>480	6
Ethylene glycol monomethyl ether acetate	Liquid	110-49-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethylene imine	Liquid	151-56-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethylene oxide (-70 °C, liquid)	Liquid	75-21-8	>180	>180	>180	4	<0.02	0.02	<9.6	>480	6
Ethylene oxide (0 °C, liquid)	Liquid	75-21-8	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethylene oxide (10% in HCFC)	Vapor	75-21-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Ethylene oxide (gaseous)	Vapor	75-21-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethylene tetrachloride	Liquid	127-18-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethylene trichloride	Liquid	79-01-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Fluorine	Vapor	7782-41-4	>480	>480	>480	6	<0.002	0.002	<1	>480	6
Fluorobenzene	Liquid	462-06-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
Fluorosulfonic acid	Liquid	7789-21-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Formaldehyde (100 ppm)	Vapor	50-00-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Formalin (100 ppm)	Vapor	50-00-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Formalin (37% (10-15% Methanol))	Liquid	50-00-0	>480	>480	>480	6	<0.0048	0.0048	<2.3	>480	6
Formic acid (>95%)	Liquid	64-18-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Furaldehyde, 2-	Liquid	98-01-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Furfural	Liquid	98-01-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Gasoline, leaded	Liquid	mix	>480	>480	>480	6	<0.56 ppm	0.056 ppm			
Gasoline, unleaded	Liquid	86290-81-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Glutaral (5%)	Liquid	111-30-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Glutaral (50%)	Liquid	111-30-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Glutaraldehyde (5%)	Liquid	111-30-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Glutaraldehyde (50%)	Liquid	111-30-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Glycol alcohol	Liquid	107-21-1		>480	>480	6	<0.1	0.014			
Glycol chlorohydrin	Liquid	107-07-3	>480	>480	>480	6	<0.0082	0.0082	<3.9	>480	6
Glycolic acid (sat)	Liquid	79-14-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Green Liquor (mix)	Liquid	mix	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Hexachloro butadiene	Liquid	87-68-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hexachloro cyclohexane, 1,2,3,4,5,6- (sat in Acetone)	Liquid	58-89-9	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Hexachloro cyclohexane, 1,2,3,4,5,6- (sat in Methanol)	Liquid	58-89-9	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Hexafluoro ethane	Vapor	76-16-4		>480	>480	6	<0.1	0.0139			
Hexafluoro isobutylene	Vapor	382-10-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hexamethyl disilazane	Liquid	999-97-3		>480	>480	6	<0.1	0.014			
Hexamethyl disilazane, 1,1,1,3,3,3-	Liquid	999-97-3		>480	>480	6	<0.1	0.014			
Hexamethylene diamine (45 °C, molten)	Liquid	124-09-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hexamethylene diisocyanate	Liquid	822-06-0	>480	>480	>480	6	<0.0271	0.0271	<13	>480	6
Hexane n-	Liquid	110-54-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Hexanone	Liquid	108-94-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hexone	Liquid	108-10-1	32* /120	>480	>480	6	<0.1	0.001			
Hydrazine	Liquid	302-01-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
Hydrazine hydrate (51%)	Liquid	10217-52-4	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Hydrazine hydrate (85%)	Liquid	10217-52-4	240* /360	440	>480	6	0.06	0.004			
Hydriodic acid (55-57%)	Liquid	10034-85-2	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Hydrochloric acid (37%)	Liquid	7647-01-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Hydrofluoric acid (48-51%)	Liquid	7664-39-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Hydrofluoric acid (70%)	Liquid	7664-39-3	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Hydrogen bromide (gaseous)	Vapor	10035-10-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Hydrogen chloride (-90 °C, liquid)	Liquid	7647-01-0	>180	>180	>180	4	<0.1	0.1	<48	>480	6
Hydrogen chloride (gaseous)	Vapor	7647-01-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Hydrogen cyanide (21 °C, liquid)	Liquid	74-90-8	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hydrogen cyanide (27 °C, gaseous)	Vapor	74-90-8	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hydrogen fluoride (20-27 °C, gaseous)	Vapor	7664-39-3	>480	>480	>480	6	<0.025	0.025	<12	>480	6
Hydrogen peroxide (30%)	Liquid	7722-84-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Hydrogen peroxide (70%)	Liquid	7722-84-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hydrogen selenide	Vapor	7783-07-5		>480							
Hydrogen sulfide	Vapor	7783-06-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hydroxy 1-ethanethiol, 2-	Liquid	60-24-2	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Hydroxy 2-methylpropionitrile, 2-	Liquid	75-86-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hydroxy 2-nitrobenzene, 1- (70 °C, molten)	Liquid	88-75-5		208	>480	6	0.17	0.004			
Hydroxy acetic acid (sat)	Liquid	79-14-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Hydroxy chlorobenzene (sat in Methanol)	Liquid	106-48-9	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Hydroxy isobutyronitrile	Liquid	75-86-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Iodomethane	Liquid	74-88-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Isobutyl methyl ketone	Liquid	108-10-1	32*/120	>480	>480	6	<0.1	0.001			
Isopropanol	Liquid	67-63-0	>480	>480	>480	6	<0.0097	0.0097	<4.7	>480	6
Isopropyl alcohol	Liquid	67-63-0	>480	>480	>480	6	<0.0097	0.0097	<4.7	>480	6
Isopropyl amine	Liquid	75-31-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Isopropyl benzene	Liquid	98-82-8	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Isopropylidenediphenol diglycidyl ether, 4,4'-	Liquid	1675-54-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
JP-4 Jet Fuel	Liquid	50815-00-4	>480	>480	>480	6	<0.0017	0.0017			

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
JP-8 Jet Fuel	Liquid	94114-58-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
KR-Ammonia (-33 °C, liquid)	Liquid	7664-41-7	>480	>480	>480	6	<0.04	0.04	<0.59	>480	6
Ketone propane	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Lewisite (L), MIL-STD-282 (10 g/m ²)	Liquid	541-25-3		>480 ⁸							
Lewisite (L), MIL-STD-282 (100 g/m ²)	Liquid	541-25-3		>480 ⁸							
Limonene d-	Liquid	5989-27-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Lindane (sat in Acetone)	Liquid	58-89-9	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Lindane (sat in Methanol)	Liquid	58-89-9	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Low boiling point naphtha - unspecified	Liquid	8052-41-3	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Malathion	Liquid	121-75-5	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Mercapto acetic acid	Liquid	68-11-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Mercapto ethanol	Liquid	60-24-2	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Mercuric II chloride (sat)	Liquid	7487-94-7		>480 ⁸							
Mercury	Liquid	7439-97-6	>480	>480	>480	6	<0.09	0.09	<43.2	>480	6
Methacrylic acid	Liquid	79-41-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methanesulfonyl chloride	Liquid	124-63-0		>480	>480	6	<0.1	0.0006			
Methanethiol	Vapor	74-93-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Methanol	Liquid	67-56-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methomyl (29%)	Liquid	16752-77-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Methoxy 2-methylpropane, 2-	Liquid	1634-04-4	>480	>480	>480	6	<0.007	0.007			
Methoxy chloromethane	Liquid	107-30-2	305	>480	>480	6	0.03	0.001			
Methoxy ethanol, 2	Liquid	109-86-4	>480	>480	>480	6	<0.005	0.005	<4.8	>480	6
Methoxy ethylacetate, 2-	Liquid	110-49-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl 1,5-pentantedinitrile, 2- (87%)	Liquid	4553-62-2	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Methyl 2-methyl-2-propenoate	Liquid	80-62-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl 2-pyrrolidon, N-	Liquid	872-50-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl 4-isopropenyl-1-cyclohexene, 1-	Liquid	5989-27-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Methyl acetyl	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Methyl acrolein	Liquid	123-73-9		>480	>480	6	<0.1	0.006			
Methyl acrylate	Liquid	96-33-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
Methyl amine (40%)	Liquid	74-89-5	72	261			3.9	0.017			
Methyl amine (50%)	Liquid	74-89-5	204	232							
Methyl amine (gaseous)	Vapor	74-89-5	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Methyl aniline, o-	Liquid	95-53-4	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Methyl benzol	Liquid	108-88-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl bromide	Vapor	74-83-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl chloride (-70 °C, liquid)	Vapor	74-83-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl chloride (-70 °C, liquid)	Liquid	74-87-3	>180	>180	>180	4	<0.05	0.05	<24	>480	6
Methyl chloride (gaseous)	Vapor	74-87-3	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl chloro formate	Liquid	79-22-1		>480	>480	6	<0.1	0.011			
Methyl chloroform	Liquid	71-55-6	>480	>480	>480	6	<0.004	0.004	<1.9	>480	6
Methyl cyanide	Liquid	75-05-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl ethyl ketone	Liquid	78-93-3	>480	>480	>480	6	<0.0067	0.0067	<3.2	>480	6
Methyl ethyl ketoxime	Liquid	96-29-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Methyl fluoride	Vapor	593-53-3		>480	>480	6	<0.1	0.0205			
Methyl hydrazine	Liquid	60-34-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl iodide	Liquid	74-88-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl isocyanate	Liquid	624-83-9	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Methyl ketone	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Methyl mercaptan	Vapor	74-93-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Methyl methacrylate	Liquid	80-62-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl pentan-2-one, 4-	Liquid	108-10-1	32* /120	>480	>480	6	<0.1	0.001			
Methyl phenols	Liquid	1319-77-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl propenoic acid, 2-	Liquid	79-41-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl pyridine, 2-	Liquid	109-06-8	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Methyl pyridine, 3-	Liquid	108-99-6	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Methyl tert-butyl ether	Liquid	1634-04-4	>480	>480	>480	6	<0.007	0.007			
Methyl trichloromethane	Liquid	71-55-6	>480	>480	>480	6	<0.004	0.004	<1.9	>480	6
Methyl trichlorosilane	Liquid	75-79-6	>480	>480	>480	6	<0.007	0.007	<3.4	>480	6
Methylene bis(2-Chloroaniline), 4,4- (sat in Methanol)	Liquid	101-14-4	>480	>480	>480	6	<0.1	0.1	<48	>480	6

위험 요소 / 화학물질 이름	물리적 상 태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO

Methylene chloride	Liquid	75-09-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methylene dianiline	Liquid	101-77-9	>480	>480	>480	6	<0.1	0.1	<4.8	>480	6
Methylene dianiline (15% in Methyl Ethyl Ketone)	Liquid	101-77-9	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Methylene diphenyl diisocyanate, 4,4'-	Solid	101-68-8	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Methylene diphenyl diisocyanate, 4,4'- (50 °C, molten)	Liquid	101-68-8	>480	>480	>480	6	<0.0403	0.0403	<19.3	>480	6
Mineral spirit	Liquid	64475-85-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Morpholine	Liquid	110-91-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Naphthalene (25% in Diethylene glycol dimethylether)	Liquid	91-20-3	>480	>480	>480	6	<0.007	0.007	<3.4	>480	6
Nickel carbonyl	Liquid	13463-39-3	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Nicotine	Liquid	54-11-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Nitric acid (70%)	Liquid	7697-37-2	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Nitric acid (90%)	Liquid	7697-37-2		>480	>480	6	<0.1	0.033			
Nitric acid (>95%)	Liquid	7697-37-2	390	390	420	5	3.6	0.1			
Nitric acid, red fuming (90%)	Liquid	52583-42-3		>480	>480	6	<0.1	0.033			
Nitric oxide	Vapor	10102-43-9	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Nitro benzene	Liquid	98-95-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Nitro methane	Liquid	75-52-5	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Nitro phenol, o- (70 °C, molten)	Liquid	88-75-5		208	>480	6	0.17	0.004			
Nitro propane, 2-	Liquid	79-46-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Nitrogen tetroxide	Liquid	10544-72-6	60	>480	>480	6					
Nitrogen tetroxide (21 °C, liquid)	Liquid	10544-72-6	450	450	>480	6	0.2	0.1			
Nitrogen tetroxide (gaseous)	Vapor	10544-72-6	90	90			>1.1	0.003			
Nitrogen trifluoride	Vapor	7783-54-2		>480	>480	6	<0.014	0.014			
Nitrous oxide	Vapor	10024-97-2		>480	>480	6	<0.018	0.018			
Norflurane	Vapor	811-97-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Octane n-	Liquid	111-65-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Oleum (103% (13% free SO3))	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Oleum (40% free SO3)	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Oleum (65% free SO3)	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Oxalic acid (10.5%)	Liquid	144-62-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6

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PCB (50% in Trichlorbenzene)	Liquid	mix	>480	>480	>480	6	6	6			
Paraphenylene diisocyanate (PPDI) crude	Liquid	104-49-4	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Pentachlorophenol (sat in Methanol)	Liquid	87-86-5	>480	>480	>480	6	<0.013	0.013	<6.2	>480	6
Pentanedial, 1,5- (5%)	Liquid	111-30-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Pentanedial, 1,5- (50%)	Liquid	111-30-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Pentene nitrile, 3-	Liquid	4635-87-4	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Pentene nitrile, cis-2- (70%)	Liquid	25899-50-7	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Pentyl acetate	Liquid	628-63-7	>480	>480	>480	6	<0.003	0.003	<1.4	>480	6
Perchloric acid (70%)	Liquid	7601-90-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Perfluoro 2-propoxy propionyl fluoride	Liquid	2062-98-8	imm	>480	>480	6	<0.04	0.008	<19.2	>480	6
Perfluoroethane	Vapor	76-16-4		>480	>480	6	<0.1	0.0139			
Phenethylene	Liquid	100-42-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Phenol (45 °C, molten)	Liquid	108-95-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Phenol (60 °C, molten)	Liquid	108-95-2	113	125	165	4	<5	0.01	736	250	5
Phenol (85% at 45 °C)	Liquid	108-95-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Phenol (85%)	Liquid	108-95-2	>480	>480	>480	6	<0.06	0.006	<2.9	>480	6
Phenyl amine	Liquid	62-53-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Phenyl chloride	Liquid	108-90-7	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Phenyl cyanide	Liquid	100-47-0	>480	>480	>480	6	<0.004	0.004	<1.9	>480	6
Phenyl ethane	Liquid	100-41-4	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Phenyl ethanol, 1-	Liquid	98-85-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Phenyl mercaptan	Liquid	108-98-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Phenyl propane, 2-	Liquid	98-82-8	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Phenyl trichlorosilane	Liquid	98-13-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Phosgene	Vapor	75-44-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Phosphine	Vapor	7803-51-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Phosphoric acid (85%)	Liquid	7664-38-2	>480	>480	>480	6	<0.18	0.18	<86.4	>480	6
Phosphorus oxychloride	Liquid	10025-87-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Phosphorus trichloride	Liquid	7719-12-2	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Picoline, 2-	Liquid	109-06-8	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6

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Picoline, 3-	Liquid	108-99-6	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Pimelic ketone	Liquid	108-94-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Polymethylene polyphenyle isocyanate (p-MDI)	Liquid	9016-87-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Potassium acetate (sat)	Liquid	127-08-2	>480	>480 ⁸	>480	6	<0.49	0.49			
Potassium chromate (sat)	Liquid	7789-00-6	>480	>480 ⁸	>480	6	<0.51	0.51			
Potassium hydroxide (45%)	Liquid	1310-58-3		>480	>480	6	<0.1	0.008			
Prop-2-en-1-al	Liquid	107-02-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Prop-2-yn-1-ol	Liquid	107-19-7	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Propan -2-ol	Liquid	67-63-0	>480	>480	>480	6	<0.0097	0.0097	<4.7	>480	6
Propan -2-one	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Propargyl alcohol	Liquid	107-19-7	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Propen 1-ol, 2-	Liquid	107-18-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Propenamide (50%)	Liquid	79-06-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Propene acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Propenenitrile, 2-	Liquid	107-13-1	>480	>480	>480	6	<0.0003	0.0003			
Propenoic acid butyl ester, 2-	Liquid	141-32-2	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Propenoic acid nitrile	Liquid	107-13-1	>480	>480	>480	6	<0.0003	0.0003			
Propylene aldehyde	Liquid	123-73-9		>480	>480	6	<0.1	0.006			
Propylene dichloride	Liquid	78-87-5	>480	>480	>480	6					
Propylene imine (90%)	Liquid	75-55-8	120	150	>480	6	0.34	0.01			
Propylene oxide, 1,2-	Liquid	75-56-9	>480	>480	>480	6	<0.0016	0.0016	<0.7	>480	6
Pyridine	Liquid	110-86-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Pyroacetic ether	Liquid	67-64-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Pyrrolidine	Liquid	123-75-1	407	413			9.2	0.012			
Sarin (GB), MIL-STD-282 (10 g/m ²)	Liquid	107-44-8		>480 ⁸							
Sarin (GB), MIL-STD-282 (100 g/m ²)	Liquid	107-44-8		>480 ⁸							
Silane	Vapor	7803-62-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Silicon tetrachloride	Liquid	10026-04-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sodium hydroxide (50%)	Liquid	1310-73-2	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Sodium hypochlorite (15%)	Liquid	7681-52-9	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6

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Sodium metabisulphite (38%)	Liquid	7681-57-4		>480	>480	6	<0.052	0.052			
Sodium methylate (50% in Methanol)	Liquid	124-41-4	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Soman (GD), MIL-STD-282 (10 g/m ²)	Liquid	96-64-0		>480 ⁸							
Soman (GD), MIL-STD-282 (100 g/m ²)	Liquid	96-64-0		>480 ⁸							
Stoddard solvent	Liquid	8052-41-3	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Styrene	Liquid	100-42-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Sulfamic acid (15%)	Liquid	5329-14-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Sulfamidic acid (15%)	Liquid	5329-14-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Sulfur Mustard (HD), MIL-STD-282 (10 g/m ²)	Liquid	505-60-2		>480 ⁸							
Sulfur Mustard (HD), MIL-STD-282 (100 g/m ²)	Liquid	505-60-2		>480 ⁸							
Sulfur dioxide	Vapor	7446-09-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Sulfur hexafluoride	Vapor	2551-62-4		>480	>480	6	<0.015	0.015			
Sulfur monochloride	Liquid	10025-67-9	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Sulfur trioxide	Liquid	7446-11-9	90	90	90	3	696	0.1			
Sulfuric acid (>95%)	Liquid	7664-93-9	>480	>480	>480	6	<0.005	0.05	<24	>480	6
Sulfuric acid diethyl ester	Liquid	64-67-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sulfuric acid dimethyl ester	Liquid	77-78-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Sulfuric acid fuming (103% (13% free SO ₃))	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sulfuric acid fuming (40% free SO ₃)	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sulfuric acid fuming (65% free SO ₃)	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sulfuryl chloride	Liquid	7791-25-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sulphur dichloride	Liquid	10545-99-0	440	440	>480	6	<0.3	0.1	<48	>480	6
Sulphur dichloride (80%)	Liquid	10545-99-0	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Tabun (GA), MIL-STD-282 (10 g/m ²)	Liquid	77-81-6		>480 ⁸							
Tabun (GA), MIL-STD-282 (100 g/m ²)	Liquid	77-81-6		>480 ⁸							
Tetracarbonylnickel	Liquid	13463-39-3	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Tetrachloro ethane, 1,1,2,2,-	Liquid	79-34-5	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6
Tetrachloro ethylene, 1,1,2,2,-	Liquid	127-18-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Tetrachloro methane	Liquid	56-23-5	>480	>480	>480	6	<0.015	0.015	<7.2	>480	6
Tetraethoxysilane	Liquid	78-10-4		>480	>480	6	<0.014	0.014			

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Tetraethyl lead	Liquid	78-00-2	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Tetraethylene pentamine	Liquid	112-57-2	306* /421	>480	>480	6	<0.01	0.005	<4.8	>480	6
Tetrafluoroethane, 1,1,1,2-	Vapor	811-97-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Tetrafluoromethane	Vapor	75-73-0	>480	>480	>480	6	<0.0177	0.0177	<8.5	>480	6
Tetrahydrofuran	Liquid	109-99-9	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Tetramethyl ammonium hydroxide (25%)	Liquid	75-59-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Tetramethyl tin (0.5% in Pentane)	Liquid	594-27-4		>480	>480	6	<0.006	0.006			
Thioglycolic acid	Liquid	68-11-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Thionyl chloride	Liquid	7719-09-7	90	90	90	3	63.6	0.1			
Titan(IV) chloride	Liquid	7550-45-0	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Titanium tetrachloride	Liquid	7550-45-0	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Toluene	Liquid	108-88-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Toluene diisocyanate, 1,3-	Liquid	26471-62-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Toluene diisocyanate, 2,4-	Liquid	584-84-9	>480	>480	>480	6	<0.0216	0.0216	<13.5	>480	6
Toluene diisocyanate, 2,4- (80%)	Liquid	584-84-9	>480	>480	>480	6	<0.0281	0.0281	<13.5	>480	6
Toluidine, o-	Liquid	95-53-4	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Trichloro 1,2,2-trifluoroethane, 1,1,2-	Liquid	76-13-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trichloro 1,3,5-triazine, 2,4,6- (20% in Toluene)	Liquid	108-77-0	>480	>480	>480	6	<0.10	0.1	<48	>480	6
Trichloro benzene, 1,2,4-	Liquid	120-82-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trichloro ethane, 1,1,1-	Liquid	71-55-6	>480	>480	>480	6	<0.004	0.004	<1.9	>480	6
Trichloro ethane, 1,1,2-	Liquid	79-00-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Trichloro ethanol, 2,2,2-	Liquid	115-20-8	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6
Trichloro ethylene	Liquid	79-01-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Trichloro methane	Liquid	67-66-3	>480	>480	>480	6	<0.0037	0.0037	<1.7	>480	6
Trichloro phenylsilane	Liquid	98-13-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Trichloro silane	Liquid	10025-78-2		>480	>480	6	<0.0218	0.0218			
Triethyl amine	Liquid	121-44-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Triethylentetramine (60%)	Liquid	112-24-3	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Trifluoro 2-(trifluoromethyl)propene, 3,3,3-	Vapor	382-10-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trifluoro ethanol, 2,2,2-	Liquid	75-89-8	>480	>480	>480	6	<0.0013	0.0013	<0.6	>480	6

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Trifluoro methane	Vapor	75-46-7		>480	>480	6	<0.0141	0.0141			
Trifluoro methansulfonic acid	Liquid	1493-13-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trimethyl amine	Vapor	75-50-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Trimethyl aminomethane	Liquid	75-64-9	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Trimethyl phosphate	Liquid	512-56-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trimethyl phosphite	Liquid	121-45-9	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Tripropyl amine	Liquid	102-69-2	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Tungsten hexafluoride	Vapor	7783-82-6		>480	>480	6	<0.0259	0.0259			
VM & P Naphtha	Liquid	8030-30-6	>480	>480	>480	6	<0.0201	0.0201	<9.6	>480	6
VX Nerve Agent, MIL-STD-282 (10 g/m ²)	Liquid	50782-69-9		>480 ₈							
VX Nerve Agent, MIL-STD-282 (100 g/m ²)	Liquid	50782-69-9		>480 ₈							
Vinyl acetate	Liquid	108-05-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Vinyl benzol	Liquid	100-42-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Vinyl carbinol	Liquid	107-18-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Vinyl chloride	Vapor	75-01-4	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Vinyl cyanide	Liquid	107-13-1	>480	>480	>480	6	<0.0003	0.0003			
Vinyl ethylene (0 °C, liquid)	Liquid	106-99-0	>180	>180	>180	4	<0.01	0.01	<4.8	>480	6
Vinyl ethylene (gaseous)	Vapor	106-99-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Vinyl magnesium chloride (16.5% in Tetrahydrofuran)	Liquid	3536-96-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Vinylidene chloride	Liquid	75-35-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
White Liquor	Liquid	mix	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Xylene, mixed isomers	Liquid	1330-20-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
m-Cresol 55%, p-Cresol 30%, Phenol 15% (mix)	Liquid	mix	>480	>480	>480	6	<0.09	0.09	<43.2	>480	6
t-Sodium-amylate / t-amyl alcohol (mix)	Liquid	mix	120	120	240	5	4.9	0.01			

BTAct MDPR의 (실제) 파과 시간 [mins] BT0.1 0.1µg/cm²/분의 표준화된 파과 시간[mins] BT1.0 1.0µg/cm²/분의 표준화된 파과 시간 [mins] EN EN 14325에 따른 분류 SSPR (SSPR) 평형 상태 투과 속도 [µg/cm²/min] MDPR (MDPR) 측정 가능 최소 투과 속도 [µg/cm²/min] CUM480 480분 후 누적 투과량 [µg/cm²] Time150 누적 투과량 150µg/cm²[mins] 에 도달하는 시간 ; ISO ISO 16602에 따른 분류 CAS CAS 번호 min 분 >~보다 큰 <~보다 작은 imm 즉시(< 10분) nm 시험 결과 없음 sat 포화 용액 N/A 해당 없음 na 달성되지 않음 GPR grade 분석을 위한 일반 시약 사용 * 제일

낮은 값에 기반 8 실제 파과 시간, 정상값 없음 DOT5 5분 후 변성 DOT30 30분 후 변성 DOT60 60분 후 변성
DOT240 240분 후 변성 BT1383 0.1 $\mu\text{g}/\text{cm}^2/\text{분}$ 의 표준화된 파과 시간[mins] acc. ASTM F1383

주의.