TK527T LY

Tychem® 10000

DuPont™ Tychem® TK 밀폐형 Level B. 공기 호흡기 내부 착용을 위한 확장형 후면부, 전방 착의. 1겹 안면창 (40 mil PVC). 손목 고무 밴드 처리. 양말 및 장화 덮개 부착. 이중 지퍼 덮개, 벨크로 처리. 2개 배기부. 솔기 테이핑 처리. 라임색 (형광 노란색).

이름	설명
제품 참조 번호	TK527TLYxx0001yy (xx=size;yy=option code)
원단 및 소재	TYCHEM® 10000
디자인	밀폐형 Level B, 공기 호흡기 내부 착용을 위한 확장형 후면부, 전방 착의
솔기	Taped
컬러	라임색 (형광 노란색)
사이즈	SM,MD,LG,XL,2X,3X,4X
수량/박스	1개/박스, 개별 포장

제품 특성 & 상세 정보

Tychem® TK는 탁월한 화학적 보호력을 지니고 있으며 뚫림 및 마모에 대한 저항력이 우수합니다. 또한, 유연하고 가벼우며 내구성 역시 뛰어난 원단입니다. Tychem® TK 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® TK 보호복은 산업계, 위험물질 취급 및 국내 비상 사태 대비용으로 사용됩니다.

완성된 치수

사이즈	소매 길이	가슴 너비	내부 솔기	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

필요한 추가 장비

- Tychem® 사용 설명서을 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.

이용 가능한 옵션

옵션 코드	설명	사이즈	부품 번호
00	00	SM,MD,LG,XL,2X,3X,4X	TK527TLYxx000100

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	185 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 참조해주십시오. > 초과 < 미만 N/A 해당 사항 없음 STD DEV 표준 편차

경고

- 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 밑바탕으로 사용해서는 안됩니다. 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 밑바탕으로 사용해서는 안됩니다. 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

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
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 dipropanoate, 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

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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

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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			

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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

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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)	Liquid	74-87-3	>180	>180	>180	4	<0.05	0.05	<24	>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 (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

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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

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
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 SO3))	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sulfuric acid fuming (40% free SO3)	Liquid	8014-95-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sulfuric acid fuming (65% free SO3)	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			

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

위험 요소 / 화학물질 이름	물리적 상태	CAS	BT Act	BT 0.1	BT 1.0	EN	SSPR	MDPR	Cum 480	Time 150	ISO
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 0.1µg/cm²/분의 표준화된 파과 시간[mins] acc. ASTM F1383

주의.