

Gmmb.hastighed/Permeation Rate = PR

Gennembrud/Breakthrough = E

Nedrydning/Degradation = D

Naturgummi

Nitril

Butyl

Viton

Silver Shield/4H

DK/S	Synonym	CAS-nr.	US/GB	Silver Shield/4H			Viton			Butyl			Nitril			Naturgummi		
				D	BT	PR	D	BT	PR	D	BT	PR	D	BT	PR	D	BT	PR
1-brom-2-propanol (70%)		19686-73-8	1-Bromo-2-Propanol (70%)	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND
1-klor-2-propanol		127-00-4	1-Chloro-2-Propanol	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND
1-metyl-4-tert-butylbenzen	TBT	27138-21-2	1-Methyl-4-tert-butylbenzene, p-t B.	E	>8 hrs	ND	E	>8 hrs	ND	F	1.7 hrs	8.0	P	ID	ID	P	ID	ID
1-nitropropan		108-03-2	1-Nitropropane	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	16 min	29.5
1-pentanol	amylalkohol	71-41-0	1-Pentanol	ID	ID	ID	ID	ID	ID	E	>8 hrs	ND	E	ID	ID	E	ID	ID
1,1-dikloretan	vinylidenklorid	75-35-4	1,1-Dichloroethylene	ID	ID	ID	ID	ID	ID	E	>8 hrs	ND	E	ID	ID	E	ID	ID
1,1-difluoeretan		75-38-7	1,1-Difluoroethylene	ID	ID	ID	ID	ID	ID	E	>8 hrs	ND	E	ID	ID	E	ID	ID
1,1,1-trikloretan	etylidenklorid	75-34-3	1,1, Dichloroethane	ID	ID	ID	G	2.4 hrs	6	E	1.5 hrs	31	E	ID	ID	E	ID	ID
1,1,1,1-tetrakloretan	metylkloroform	71-55-6	1,1,1,1-Trichloroethane, Methyl C.	E	>15 hrs	E	E	>15 hrs	E	E	ID	ID	E	ID	ID	E	41 min	76.4
1,1,1,2-tetrakloretan		630-20-6	1,1,1,2-Tetrachloroethane	E	>15 hrs	E	E	>15 hrs	E	F	2.3 hrs	23	E	ID	ID	E	ID	ID
1,1,2,2-tetrakloretan		79-34-5	1,1,2,2-Tetrachloroethane	E	>15 hrs	E	E	>15 hrs	E	F	4.5 hrs	7.0	E	ID	ID	E	ID	ID
1,1,2-trikloretan		79-00-5	1,1,2-Trichloroethane	E	>15 hrs	E	E	>15 hrs	E	P	5.7 hrs	7.0	E	ID	ID	E	ID	ID
1,2-diklorpropan	etylendiklorid	107-06-2	1,2-Dichloroethane, Ethylene D.	E	>15 hrs	E	E	>15 hrs	E	P	2 hrs	53	E	ID	ID	E	ID	ID
1,2-diklorpropan	propendiklorid	76-87-5	1,2-Dichloropropane	E	>15 hrs	E	E	>15 hrs	E	F	2.1 hrs	19	E	ID	ID	E	ID	ID
1,2-epoxy-3-klorpropan	epiklorhydrin	106-89-8	1,2-Epoxy-3-Chloropropane	E	>15 hrs	E	F	1.8 hrs	8	E	ID	ID	E	ID	ID	E	ID	ID
1,2-epoxybutan	etyloxiran	106-88-7	1,2-Epoxybutane	ID	ID	ID	P	2 min	2	E	45 min	2	E	ID	ID	E	ID	ID
1,2-epoxypropan	metyloxiran	75-56-9	1,2-Epoxypropane	ID	ID	ID	P	2 min	2	E	2.2 hrs	7	E	ID	ID	E	ID	ID
1,3-butadien		106-99-0	1,3-Butadiene	E	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
1,3-diaminopropan		109-76-2	1,3-Diaminopropane	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
1,3-diklorpropan		542-75-6	1,3-Dichloropropane	ID	ID	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
1,3-dimetyl-butylamin		108-09-8	1,3-Dimethyl butylamine	ID	ID	ID	ID	ID	ID	E	1.6 hrs	32	E	ID	ID	E	ID	ID
1,3-propylenoxid	1,3-epoxypropan	503-30-0	1,3-Propylene Oxide	ID	ID	ID	P	2 min	3	E	1.1 hrs	56	E	ID	ID	E	ID	ID
1,4-dietylendioxid	dioxan	123-91-1	1,4-Diethylene Dioxide, 1,4-D.	P	>8 hrs	ND	P	2 min	3	E	>20 hrs	ND	E	P	28 min	77.1	E	ID
1,4 dioxan	dioxan	123-91-1	1,4-Dioxane, Diethylene Oxide	E	>8 hrs	ND	E	>8 hrs	ND	E	>20 hrs	ND	E	P	28 min	77.1	E	ID
2-brometanol (95%)	lupersol DDM	540-51-2	2-Bromoethanol (95%)	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
2-butanonperoxid (90%)		1338-23-4	2-Butanone Peroxide (90%)	ID	ID	ID	F	>4 hrs	ND	E	>4 hrs	ND	E	ID	ID	E	ID	ID
2-klor-2-nitropropan		594-71-8	2-Chloro-2-Nitropropane	F	>8 hrs	20.0	F	2.0 hrs	20.0	E	>8 hrs	ND	E	ID	ID	E	ID	ID
2-kloratanol	etylenklorhydrin	107-07-3	2-Chloroethanol	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
2-etoxyetanol	etyglykol	110-80-5	2-Ethoxyethanol, 2-Ethylhexyl	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
2-nitropropan		79-46-9	2-Nitropropane	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
2-propanon	acetone	67-64-1	2-Propanone, Acetone	E	>6 hrs	ND	P	0 min	806	E	>17 hrs	ND	E	P	5 min	172	E	13 min
2,3-diklor-1-propan		76-88-6	2,3-Dichloro-1-Propane	ID	>8 hrs	ND	ID	>8 hrs	ND	E	1.9 hrs	14	E	ID	ID	E	ID	ID
3-brom-1-propanol (95%)		627-18-9	3-Bromo-1-Propanol (95%)	ID	>8 hrs	ND	ID	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
3-klor-1-propanol		627-30-5	3-Chloro-1-Propanol	ID	>8 hrs	ND	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
3-klor-2-metylpropan (90%)		563-47-3	3-Chloro-2-Methylpropane (90%)	ID	>8 hrs	ND	P	30 min	12	E	>8 hrs	ND	E	ID	ID	E	ID	ID
3-klorpropan	allylklorid	107-05-1	3-Chloropropane, Allyl Chloride	ID	31 min	16	ID	31 min	16	E	50 min	281	E	ID	ID	E	ID	ID
4-klorpropan		100-40-3	4-Vinyl-1-Cyclohexene	ID	>8 hrs	ND	E	>8 hrs	ND	P	31 min	59	E	ID	ID	E	ID	ID
acetaldehyd	etanal	75-07-0	Acetaldehyde, Ethanal	E	>6 hrs	ND	P	0 min	281.9	E	9.6 hrs	0.066	E	P	4 min	161	E	4 min
eddikesyre (100%)	etansyre	64-19-7	Acetic Acid, Glacial (100%)	ID	>6 hrs	ND	ID	>6 hrs	ND	E	9.5 hrs	0.665	E	F	38 min	1.9	E	15 min
acetaldehyd	etanal	75-07-0	Acetic Aldehyde, Acetaldehyde	E	>6 hrs	ND	P	0 min	281.9	E	9.5 hrs	0.665	E	F	38 min	1.9	E	15 min
anhydrid, eddikesyre	etylacetat	108-24-7	Acetic Anhydride, Acetic Oxide	ID	ID	ID	E	ID	ID	E	>8 hrs	ND	E	ID	ID	E	ID	ID
etylacetat	dietyleter (eter)	141-78-6	Acetic Ester (Ethyl Acetate)	E	>6 hrs	ND	E	ID	ID	E	>8 hrs	ND	E	ID	ID	E	ID	ID
dietyleter (eter)	dimetylketon	60-29-7	Acetic Ether (Ethyl Acetate)	E	>6 hrs	ND	E	ID	ID	G	7.6 hrs	3.4	E	P	8 min	145	E	ID
akrylonitril	akrylonitril	67-64-1	Acetone, Dimethyl Ketone	E	>6 hrs	ND	E	ID	ID	G	7.6 hrs	3.4	E	P	8 min	145	E	ID
akrylonitril	akrylonitril	107-13-1	Acetonitrile, Methyl Cyanide	E	>8 hrs	ND	P	0 min	806	E	>17 hrs	ND	E	P	5 min	172	E	ID
akrylonitril	akrylonitril	75-36-5	Acetyl Chloride	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	E	ID	ID	E	ID	ID
akrylonitril	akrylonitril	107-02-8	Acrolein (82%)	P	8 min	683	P	8 min	683	F	3 hrs	6	E	ID	ID	E	ID	ID
akrylsyre	akrylsyre	79-10-7	Acrylic Acid, 2-Propenoic acid	P	0 min	72	P	0 min	72	E	>15 hrs	ND	E	ID	ID	E	ID	ID
ammoniak (vandfri)	ammoniumhydroxid (29%)	107-13-1	Acrylonitrile, 2-Propenenitrile	G	5.9 hrs	0.23	E	>8 hrs	ND	E	>8 hrs	ND	E	F	ID	ID	E	ID
ammoniumfluorid (40%)	ammoniumhydroxid (29%)	7664-41-7	Ammonia (gas)	E	ID	ID	F	1 min	176	G	3.1 hrs	.000048	E	P	3 min	176	E	ID
ammoniumhydroxid (29%)	anilin	12125-01-8	Ammonium Fluoride (40%)	ID	ID	ID	ID	ID	ID	ID	ID	ID	E	P	ID	ID	E	ID
anilin	kongevand	1336-21-6	Ammonium Hydroxide (29%)	ID	ID	ID	E	ID	ID	ID	ID	ID	E	G	>8 hrs	ND	E	>8 hrs
anilin	svovlsyre (25%)	62-53-3	Aniline, Aminobenzene, benzen	E	>8 hrs	ND	E	10 min	18.7	E	>8 hrs	ND	E	E	2.1 hrs	0.05	E	2.1 hrs
anilin	benzen	62-53-3	Aniline, Aminobenzene, benzen	E	>8 hrs	ND	E	10 min	18.7	E	>8 hrs	ND	E	F	1.1 hrs	45	E	1.1 hrs
kongevand	benzaldehyd	8007-56-5	Aqua Regia	ID	ID	ID	E	ID	ID	E	>8 hrs	ND	E	F	1.1 hrs	45.0	E	>8 hrs
svovlsyre (25%)	benzen	7664-93-9	Benzaldehyde	ID	>6 hrs	ND	E	ID	ID	E	>8 hrs	ND	E	F	1.1 hrs	45.0	E	>8 hrs
benzen	benzen	100-52-7	Benzaldehyde	ID	>6 hrs	ND	E	ID	ID	E	>8 hrs	ND	E	F	1.1 hrs	45.0	E	>8 hrs
benzen	benzen	71-43-2	Benzene	E	>8 hrs	ND	G	6 hrs	0.012	E	9 hrs	ND	E	P	ID	ID	E	ID

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acetaldehyd	75-07-0	Ethyl Aldehyde (Acetaldehyde)	E	>6 hrs	ND	0 min	281.9	E	9.5 hrs	0.665	P	4 min	161	ID	ID
dietyleter	60-29-7	Ethyl Ether (Ethyl Oxide)	ID	>6 hrs	ND	12 min	21.5	P	8 min	92.2	P	14 min	21.8	ID	ID
etylamin	75-04-7	Ethylamine (70% in water) (Amino.)	E	47 min	7.64	P	ID	E	>12 hrs	ND	F	1.1 hrs	30.1	ID	ID
etyl bromid	74-96-4	Ethylbromide	ID	ID	ID	F	1.4 hrs	ID	ID	ID	ID	ID	ID	ID	ID
1,2-dibrometan	106-93-4	Ethylene Dibromide	E	>8 hrs	ND	E	>8 hrs	F	3.3 hrs	6.0	P	ID	ID	ID	ID
1,2-dikloroetan	107-06-2	Ethylene Dichloride (1,2-Dichloro.)	E	>6 hrs	ND	E	>8 hrs	F	2.9 hrs	5.3	P	8 min	311	ID	ID
etyl glykol	110-80-5	Ethylene Glycol Monoethyl Ether	E	>6 hrs	ND	E	>8 hrs	ID	>8 hrs	ND	ID	>21 hrs	ND	ID	ID
formaldehyd	50-00-0	Formaldehyde (37% in water)	E	>6 hrs	ND	E	>16 hrs	E	>16 hrs	ND	E	>6 hrs	ND	ID	ID
freon 113	76-13-1	Freon TF	ID	ID	ID	ID	4.5 hrs	ID	55 min	ID	ID	>6 hrs	ND	ID	ID
Freon 11, CFC 11	75-68-4	Freon TMC	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	P	2 min
fulur	110-00-9	Furan	ID	ID	ID	P	20 min	23	P	1.3 hrs	10	ID	ID	ID	ID
furfural	98-01-1	Furfural (Furfuraldehyde)	E	>8 hrs	ND	F	3.6 hrs	14.8	E	>16 hrs	ND	P	28 min	265	ID
cyklohexan	110-82-7	Hexahydrobenzene (Cyclohexane)	E	>6 hrs	ND	E	>7 hrs	ND	F	1.1 hrs	20.3	P	ID	ID	ID
cyklohexanol	108-93-0	Hexahydrophenol (Cyclohexanol)	E	>6 hrs	ND	E	>8 hrs	ND	E	>11 hrs	ND	E	>16 hrs	ND	ID
hexametyldisilazan	999-97-3	Hexamethyldisilazane	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
cyklohexan	110-82-7	Hexamethylene (Cyclohexane)	E	>6 hrs	ND	E	>7 hrs	ND	F	1.1 hrs	20.3	P	ID	ID	ID
cyklohexan	110-82-7	Hexanaphthene (Cyclohexane)	E	>6 hrs	ND	E	>7 hrs	ND	F	1.1 hrs	20.3	P	ID	ID	ID
hydrazinopløsning (65%)	10217-52-4	Hydrazine Hydrate	hydrazin	>6 hrs	ND	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
hydrazinopløsning (70%)	302-01-2	Hydrazine (70% in water)	hydrazin	>6 hrs	ND	P	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	ID
saltsyre (37% max koncentration)	7647-01-0	Hydrochloric Acid (37%)	E	>6 hrs	ND	E	ID	ID	E	ID	ID	G	>6 hrs	ND	ND
Flussyre, FH	7664-39-3	Hydrofluoric Acid (48%)	G	>6 hrs	ND	G	ID	ID	F	ID	ID	F	1 hr	0.49	ND
væperoxid	7722-84-1	Hydrogen Peroxide (30%)	ID	ID	ID	ID	ID	ID	E	>8 hrs	ND	ID	ID	ID	ID
dipropylentriamin	56-18-8	Iminobispropylamine	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	ID	ID	ID	ID
metyl iodid	74-88-4	Iodomethane (Methyl iodide)	P	4 min	0.026	G	6.3 hrs	0.7	P	55 min	82	ID	ID	ID	ID
pentylnitrit	110-46-3	Isoamylnitrite	ID	ID	ID	F	1.1 hrs	9.2	ID	ID	ID	ID	ID	ID	ID
isobutylalkohol	78-83-1	Isobutyl Alcohol	E	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	G	>8 hrs	ND	ID
isobutylnitrit	542-56-3	Isobutyl Nitrite	ID	ID	ID	P	20 min	103	F	1.3 hrs	22	ID	ID	ID	ID
isobutylamine	78-81-9	Isobutylamine	ID	ID	ID	F	ID	ID	F	3.7 hrs	10	ID	ID	ID	ID
isobutyraldehyd	78-84-2	Isobutyraldehyde	E	ID	ID	P	4 min	11.5	E	>8 hrs	ND	P	ID	ID	ID
kloraceton	78-95-5	Isoprene	E	ID	ID	G	6.2 hrs	0.19	E	ID	ID	ID	ID	ID	ID
isopropylalkohol	67-63-0	Isopropyl Alcohol	ID	ID	ID	ID	ID	ID	ID	ID	ID	E	>6 hrs	ND	ID
isopropylmethacrylat	4655-34-9	Isopropylmethacrylate	ID	ID	ID	ID	ID	ID	E	>8 hrs	ND	ID	ID	ID	ID
cyklohexanon	108-94-1	Ketohexamethylene (Cyclohexanon.)	E	>6 hrs	ND	P	29 min	86.3	E	>16 hrs	ND	P	ID	ID	ID
2-metylpropensyre	79-41-4	Methacrylic Acid	ID	ID	ID	F	>8 hrs	ND	G	>8 hrs	ND	P	1.7 hrs	23	ID
2-metyl-2-propennitrit	126-98-7	Methacrylonitrile	E	ID	ID	F	4 min	462	G	>8 hrs	ND	ID	ID	ID	ID
metylalkohol	67-56-1	Methanol	G	1.5 hrs	ID	ID	3 hrs	1	ID	>6 hrs	ND	P	7 min	560	ID
metylalkohol	67-56-1	Methyl Alcohol	P	10 min	0.009	E	9.5 hrs	0.46	ID	>6 hrs	ND	ID	32 min	11.8	ID
2-metoxietanol	109-86-4	Methyl Cellosolve	G	1.5 hrs	ID	ID	3 hrs	1	ID	>6 hrs	ND	ID	4 min	352.0	ID
1,1,1-triklorethan	74-87-3	Methyl Chloride	E	>8 hrs	ND	ID	ID	ID	ID	ID	ID	ID	32 min	11.8	ID
akrylnitrit	71-55-6	Methyl Chloroform	E	>6 hrs	ND	E	>15 hrs	ND	ID	ID	ID	ID	55 min	13.2	ID
metylylketon	107-13-1	Methyl Cyanide (Acetonitrile)	ID	>6 hrs	ND	E	ID	ID	P	ID	ID	P	41 min	76.4	ID
metylylgenol	78-93-3	Methyl Ethyl Ketone	ID	>24 hrs	ND	P	ID	ID	E	>8 hrs	ND	ID	ID	ID	ID
metyl iodid	93-15-2	Methyl Eugenol	E	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	ID	ID	ID	ID
metyl isocyanat	74-88-4	Methyl iodide	P	4 min	0.026	G	6.3 hrs	0.7	P	55 min	82	ID	ID	ID	ID
metylmetakrylat	624-83-9	Methyl isocyanate	ID	ID	ID	P	4 min	121	F	1.1 hrs	9	P	ID	ID	ID
metylacetat	80-62-6	Methyl Methacrylate	ID	ID	ID	ID	ID	ID	F	4.9 hrs	4	ID	ID	ID	ID
metylakrylat	96-33-3	Methylacrylate	ID	ID	ID	ID	ID	ID	E	>8 hrs	ND	ID	ID	ID	ID
metylamin (40% vandopløsning)	74-89-5	Methylamine (40% in water) (Ami.)	F	1.9 hrs	2.0	E	>16 hrs	ND	E	>15 hrs	ND	E	>8 hrs	ND	ID
toluen	108-88-3	Methylbenzene (Toluene)	E	>6 hrs	ND	E	>16 hrs	ND	P	21 min	22.1	P	11 min	68.1	ID
metylenklorid	75-09-2	Methylene Chloride (Dichloromet.)	G	>8 hrs	ND	F	1 hr	7.32	E	24 min	133	P	4 min	766	ID
2-aminotetanol	141-43-5	Monocethanolamine	ID	ID	ID	E	>8 hrs	ND	E	>8 hrs	ND	ID	ID	ID	ID
isopropanolamin	78-96-6	Monoisopropylamine	ID	ID	ID	P	11 min	556	F	4.06 hrs	6	ID	ID	ID	ID
morfolin	110-91-8	Morpholine	E	>8 hrs	ND	G	1.9 hrs	97	E	>16 hrs	ND	P	48 min	206	ID
xylen (mix)	1330-20-7	m-Xylene	ID	ID	ID	E	>16 hrs	ND	P	39 min	14.6	ID	ID	ID	ID
butylamin	109-73-9	n-Butylamine	ID	ID	ID	E	ID	ID	F	1.7 hrs	50	ID	ID	ID	ID
hexan	110-54-3	n-Hexane	E	>6 hrs	ND	ID	>11 hrs	ND	P	ID	ID	E	ID	ID	ID
Nikotin (ISO)	54-11-5	Nicotine	ID	ID	ID	ID	ID	ID	E	>7 hrs	ND	E	ID	ID	ID
salpetersyre (40%)	7697-37-2	Nitric Acid (40%)	ID	ID	ID	ID	ID	ID	ID	>3 hrs	ND	F	>6 hrs	ND	ND
nitrobenzen	98-95-3	Nitrobenzene	E	>8 hrs	ND	E	>8 hrs	ND	E	>23 hrs	ND	F	33 min	17	P
nitrometan	75-52-5	Nitromethane	ID	ID	ID	ID	ID	ID	E	>8 hrs	ND	ID	ID	ID	ID

