

DIE CHEMISCHE BESTÄNDIGKEITSLISTE

| QUELLBESTÄNDIGKEIT | | | | | | | SUBSTANZ | | PERMEATIONSZEIT/LEVEL | | | | | | | | | | | | | | | |
|--------------------|----|-----------|-----|-----|-----|--------------------|---------------------------------------|---------|-----------------------|-----|-----|-------------------|-----|-----------------------|-----|---------------------------|-------------------|-----|---------------------|-------|-----|------------------------|-----|-----|
| NR | CR | NBR CR | NBR | FKM | IIR | NBR Thermoplast | Chemikalie | Zustand | Naturlatex | | | Chloropren | | Nitril/ Chloropren | | Nitril | | | Fluor- kautschuk | Butyl | | Nitril/ Thermoplast | | |
| | | | | | | | | | NR | NR | NR | CR | CR | NBR | NBR | NBR | NBR | NBR | NBR | NBR | FKM | IIR | IIR | NBR |
| | | | | | | | | | 395 403 465 | 706 | 708 | 720 722 726 | 723 | 717 | 727 | 730 732,733 736,737 | 740 741 742 | 743 | 890 | 897 | 898 | 714 | | |
| - | + | 0 | + | + | - | 0 | 1,1,2-Trichlortrifluorethan | flüssig | 1 | 0 | 0 | 5 | 5 | 4 | 6 | 6 | 1 | 1 | 6 | 1 | 2 | 3 | | |
| - | - | - | - | - | - | - | 1,2-Epoxyethan (Ethylenoxid) | flüssig | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | | |
| - | - | - | - | - | - | - | 1,2-Epoxypropan (Propylenoxid) | flüssig | B | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | | | |
| + | + | + | + | + | + | + | 1,2-Propandiol | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| - | - | 0 | 0 | 0 | + | / | 1-Methoxy-2-propanol | flüssig | 4 | 2 | 2 | 2 | 2 | 3 | 4 | A | B | 1 | 4 | 6 | 6 | / | | |
| - | - | 0 | 0 | 0 | + | / | 1-Methoxy-2-propylacetat | flüssig | 3 | 1 | 1 | 2 | 2 | 3 | 4 | 3 | 0 | 0 | 3 | 6 | 6 | / | | |
| - | 0 | 0 | - | 0 | + | 0 | 1-Methyl-2-Pyrrolidon | flüssig | 5 | 2 | 2 | 3 | 3 | 3 | 4 | 2 | A | B | 3 | 6 | 6 | 4 | | |
| - | - | + | + | + | 0 | / | 2-Ethylhexylacrylat | flüssig | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 1 | 1 | 6 | 2 | 3 | / | | |
| - | 0 | 0 | 0 | + | + | / | 2-Mercaptoethanol | flüssig | 3 | 2 | 2 | 4 | 4 | 4 | 5 | 4 | 1 | 1 | 6 | 6 | 6 | / | | |
| - | - | 0 | 0 | 0 | - | / | 2-Methoxy-2-Methylpropan | flüssig | 1 | B | B | B | B | 3 | 4 | A | A | 1 | 3 | 2 | 2 | / | | |
| - | - | - | - | - | 0 | / | 3-Hexanon | flüssig | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | / | | |
| - | - | - | - | - | 0 | / | 4-Heptanon | flüssig | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | / | | |
| - | - | - | - | - | + | - | Acetaldehyd | flüssig | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 6 | 1 | | |
| - | - | - | - | - | + | - | Aceton p.a. | flüssig | 2 | 1 | 1 | 1 | 1 | 0 | 1 | B | A | A | B | 6 | 6 | 1 | | |
| - | - | - | - | - | + | - | Acetonitril | flüssig | 2 | 1 | 1 | 1 | 1 | 0 | 1 | B | A | A | 1 | 6 | 6 | 1 | | |
| - | - | - | - | - | + | / | Acetylaceton | flüssig | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 4 | 5 | / | | |
| - | - | - | - | 0 | 0 | / | Acetylchlorid | flüssig | 2 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 3 | 3 | 4 | / | | |
| - | - | - | - | - | + | - | Acrylnitril | flüssig | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 0 | B | 1 | 6 | 6 | 1 | | |
| - | 0 | 0 | 0 | + | + | / | Acrylsäure (reinst) | flüssig | 3 | 2 | 2 | 3 | 3 | 4 | 5 | 4 | 1 | 2 | 6 | 6 | 6 | / | | |
| + | + | + | + | + | + | + | Akkusäure (Schwefelsäure, 25%ig) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| - | - | - | 0 | + | 0 | / | Alexit-Strukturack Z 421 | flüssig | 2 | 1 | 1 | 1 | 1 | 2 | 3 | A | A | 1 | 6 | 3 | 3 | / | | |
| - | - | - | - | 0 | 0 | / | Alexit-Verdünner 62 | flüssig | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | A | A | 3 | 3 | 3 | / | | |
| 0 | 0 | 0 | + | + | 0 | / | Altöl | flüssig | 4 | 3 | 3 | 3 | 3 | 4 | 6 | 6 | 1 | 1 | 6 | 3 | 4 | / | | |
| + | + | + | + | + | + | + | Ameisensäure, 10%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | | |
| + | + | 0 | 0 | + | + | + | Ameisensäure, 50%ig | flüssig | 5 | 5 | 4 | 6 | 6 | 4 | 6 | 4 | 1 | 2 | 6 | 6 | 6 | 6 | | |
| 0 | + | 0 | - | + | + | / | Ameisensäure, 98%ig | flüssig | 5 | 3 | 3 | 6 | 6 | 4 | 6 | 1 | 0 | A | 6 | 6 | 6 | / | | |
| + | + | + | + | + | + | + | Amidosulfonsäure | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| - | 0 | 0 | + | + | + | 0 | Ammoniak (Ammoniumhydroxid), 25%ig | flüssig | 2 | 1 | 1 | 3 | 3 | 4 | 5 | 5 | 1 | 3 | 6 | 6 | 6 | 3 | | |
| 0 | 0 | 0 | + | + | + | / | Ammoniak, 10%ig | flüssig | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | / | | |
| - | - | - | 0 | + | + | 0 | Anilinöl (ATE 8006) | flüssig | 3 | 1 | 1 | 1 | 1 | 2 | 6 | 3 | 1 | 2 | 6 | 6 | 6 | 3 | | |
| - | - | 0 | + | + | + | / | Anisol (ATE 8004) | flüssig | 3 | 2 | 2 | 2 | 2 | 4 | 6 | 6 | 2 | 3 | 6 | 6 | 6 | / | | |
| 0 | 0 | 0 | + | + | 0 | / | Anticorit DWS | flüssig | 4 | 3 | 3 | 3 | 3 | 4 | 6 | 6 | 1 | 1 | 6 | 3 | 4 | / | | |
| + | + | + | + | + | + | + | Antifrogen N | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| + | + | + | + | + | + | + | Antox 71 E | pastös | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 2 | 6 | 6 | 6 | 6 | | |
| 0 | 0 | 0 | + | + | 0 | + | Aral Vitam (div. Reihen) | flüssig | 4 | 3 | 3 | 3 | 3 | 4 | 6 | 6 | 2 | 3 | 6 | 3 | 4 | 6 | | |
| + | + | + | + | + | + | / | Araldit AV 138 M (Vantico) | pastös | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | / | | |
| - | 0 | 0 | + | + | + | / | Bacillol plus | flüssig | 2 | 2 | 2 | 3 | 3 | 4 | 6 | 6 | 1 | 3 | 6 | 6 | 6 | / | | |
| - | + | + | + | + | 0 | + | Ballistol-Öl und Spray | flüssig | 4 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 1 | 2 | 6 | 3 | 4 | 6 | | |
| - | - | - | - | + | + | - | Benzaldehyd | flüssig | 3 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 6 | 6 | 6 | 2 | | |
| + | + | + | + | + | + | + | Benzoesäure | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| - | - | - | - | + | - | - | Benzol | flüssig | 1 | B | B | 1 | 1 | 1 | 2 | 1 | 0 | A | 6 | 1 | 1 | 1 | | |
| - | - | - | - | 0 | + | - | Benzylalkohol | flüssig | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 0 | 1 | 4 | 6 | 6 | 1 | | |
| + | + | + | + | + | + | + | Bis(2-ethylhexyl)phthalat | flüssig | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 4 | 6 | 6 | 6 | 6 | 6 | | |
| + | + | + | + | + | + | + | Borsäure, gesättigt | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| + | + | + | + | + | + | + | Bremsschmieröl DOT 4 | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 3 | 6 | 6 | 6 | 6 | | |
| - | 0 | 0 | 0 | + | + | 0 | Brennspiritus (Spiritus) | flüssig | 2 | 1 | 1 | 3 | 3 | 4 | 5 | 4 | 1 | 2 | 6 | 6 | 6 | 3 | | |
| - | - | - | - | + | - | / | Brom | flüssig | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 1 | 1 | / | | |
| + | + | + | + | + | + | / | Bromwasserstoffsäure 47%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | / | | |
| + | + | + | + | + | + | / | Butanox M-50 | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | 5 | 6 | 6 | 6 | / | | |
| - | - | - | - | - | 0 | - | Butylacetat (Essigsäurebutylester) | flüssig | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 0 | B | 1 | 3 | 3 | 1 | | |
| - | - | - | - | - | + | - | Butylacrylat | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | A | 2 | 6 | 6 | 1 | | |
| - | + | 0 | + | + | + | 0 | Butylalkohol (1-Butanol) | flüssig | 4 | 1 | 1 | 5 | 5 | 4 | 6 | 6 | 1 | 2 | 6 | 6 | 6 | 4 | | |
| - | - | - | - | 0 | - | - | Butylamin (1-Aminobutan) | flüssig | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 3 | 1 | 2 | 1 | | |
| - | + | 0 | + | + | + | + | Butyldiglykol | flüssig | 3 | 2 | 2 | 5 | 5 | 4 | 6 | 6 | 1 | 1 | 6 | 6 | 6 | 6 | | |
| - | 0 | 0 | + | + | + | / | Butyldiglykolacetat | flüssig | 4 | 2 | 2 | 3 | 3 | 4 | 6 | 6 | 1 | 2 | 6 | 6 | 6 | / | | |
| - | - | 0 | 0 | 0 | 0 | / | Butylmethacrylat | flüssig | 2 | B | B | 1 | 1 | 3 | 4 | 4 | A | B | 3 | 3 | 3 | / | | |
| + | + | + | + | + | + | + | Calciumhydroxid | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| - | - | - | - | + | - | - | Chlorbenzol | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 6 | 1 | 1 | 1 | | |
| - | - | - | - | + | - | - | Chloroform (Trichlormethan) | flüssig | 1 | 0 | 0 | A | A | 0 | 1 | A | 0 | A | 6 | 1 | 1 | 0 | | |
| - | 0 | 0 | - | + | 0 | + | Chromsäure 50% | flüssig | 2 | 1 | 1 | 4 | 4 | 3 | 4 | 2 | 0 | 0 | 6 | 3 | 4 | 6 | | |
| + | + | + | + | + | + | + | Chromschwefelsäure, 10%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 0 | 6 | 6 | 6 | 6 | | |

Quelle nach 8 Stunden:
 + beständig - unbeständig
 0 bedingt beständig

/ nicht geprüft

Level 0 0 min. Level 1 ≥10 min. Level 4 ≥120 min.
 Level A 1-5 min. Level 2 ≥30 min. Level 5 ≥240 min.
 Level B 5-10 min. Level 3 ≥60 min. Level 6 ≥480 min.

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| QUELLBESTÄNDIGKEIT | | | | | | | SUBSTANZ | PERMEATIONSZEIT/LEVEL | | | | | | | | | | | | | | |
|--------------------|----|-----------|------------|-----|--------------------|--------------------|---|-----------------------|-----|-----|-------------------|------------|-----------------------|-----------|-----------------------------|-------------------|-----|---------------------|-----|-------|--------------------|------------------------|
| NR | CR | NBR CR | NBR FKM | FKM | IIR Thermoplast | NBR Thermoplast | | Naturlatex | | | Chloropren | | Nitril/ Chloropren | | Nitril | | | Fluor- kautschuk | | Butyl | | Nitril/ Thermoplast |
| | | | | | | | | NR | NR | NR | CR | CR | NBR CR | NBR CR | NBR | NBR | NBR | FKM | IIR | IIR | NBR Thermoplast | |
| Chemikalie | | | | | | | Zustand | 395 403 465 | 706 | 708 | 720 722 726 | 723 725 | 717 | 727 | 730 732, 733 736, 737 | 740 741 742 | 743 | 890 | 897 | 898 | 714 | |
| - | 0 | 0 | 0 | + | 0 | + | Chromschwefelsäure, konz. | flüssig | 3 | 2 | 1 | 4 | 4 | 4 | 5 | 4 | 0 | 0 | 6 | 4 | 4 | 6 |
| - | - | + | + | + | - | + | Citronenöl Terpene (Terpenkohlenwasserstoffe) | flüssig | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 1 | 2 | 6 | 2 | 2 | 6 |
| - | - | - | - | 0 | - | - | Colorex 31 Hochleistungslackentferner | flüssig | B | A | A | A | A | 0 | 1 | A | 0 | A | 4 | B | 1 | 0 |
| - | - | + | + | + | - | - | Cyclohexan | flüssig | 2 | 1 | 0 | 1 | 1 | 5 | 6 | 6 | 2 | 3 | 6 | 2 | 2 | 2 |
| 0 | + | + | + | + | + | + | Cyclohexanol | flüssig | 4 | 3 | 3 | 5 | 5 | 5 | 6 | 6 | 1 | 1 | 6 | 6 | 6 | 6 |
| - | - | - | - | 0 | + | - | Cyclohexanon | flüssig | 3 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 0 | B | 4 | 6 | 6 | 1 |
| - | - | 0 | 0 | + | 0 | / | Cyclohexylamin | flüssig | 3 | 2 | 1 | 2 | 2 | 3 | 4 | 3 | 0 | 1 | 6 | 3 | 4 | / |
| 0 | 0 | 0 | 0 | + | + | + | Diacetonalkohol (4-Hydroxy-4-methyl-2-pentanon) | flüssig | 6 | 4 | 4 | 3 | 3 | 4 | 5 | 4 | 1 | 2 | 5 | 6 | 6 | 6 |
| - | - | + | + | + | - | / | Dibutylamin | flüssig | 2 | 1 | 0 | 2 | 2 | 5 | 6 | 6 | 0 | 0 | 6 | 2 | 2 | / |
| + | + | + | + | + | + | + | Dibutylphthalat (DBP) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | 4 | 6 | 6 | 6 | 6 |
| - | - | - | - | 0 | - | - | Dichlormethan | flüssig | B | A | A | A | A | 0 | 1 | B | 0 | A | 4 | 1 | 1 | 0 |
| - | 0 | + | + | + | + | + | Dieseldieselkraftstoff | flüssig | 4 | 2 | 2 | 4 | 4 | 5 | 6 | 6 | 4 | 6 | 6 | 4 | 5 | 6 |
| + | + | + | + | + | + | + | Diethanolamin | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 6 | 6 | 6 | 6 |
| - | - | - | - | 0 | - | 0 | Diethylamin (DEA, Ethylethenamin) | flüssig | 1 | A | A | A | A | 0 | 1 | 1 | A | A | 4 | 1 | 1 | 3 |
| + | + | + | + | + | + | + | Diethylenglycol | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | + | + | 0 | + | + | / | Diethylenetriamin | pastös | 4 | 3 | 3 | 6 | 6 | 5 | 6 | 3 | 1 | 1 | 6 | 6 | 6 | / |
| - | - | - | - | - | - | - | Diethylether (Ether) | flüssig | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | A | A | 2 | 1 | 1 | 1 |
| + | + | + | + | + | + | / | Diethylphthalat (DEP bzw. Phthalsäurediethylester) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | / |
| - | - | - | - | + | - | - | Diethylsulfid | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | A | A | 6 | 1 | 1 | 0 |
| - | - | 0 | 0 | 0 | + | - | Dimethylaminoethylmethacrylat (DMAEMA) | flüssig | 3 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 1 | 3 | 4 | 4 | 5 | 2 |
| - | - | - | - | + | + | - | Dimethylformamid (DMFA) | flüssig | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 5 | 6 | 6 | 2 |
| + | + | + | + | + | + | / | Dimethylphthalat | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | 6 | 6 | 6 | / | |
| - | - | 0 | 0 | 0 | + | + | Dimethylsulfat | flüssig | 2 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 0 | 0 | 4 | 6 | 6 | 6 |
| 0 | + | + | 0 | 0 | + | 0 | Dimethylsulfoxid (DMSO) | flüssig | 6 | 4 | 4 | 6 | 6 | 5 | 6 | 3 | 1 | 2 | 4 | 6 | 6 | 4 |
| - | - | - | - | 0 | + | - | Dioxan | flüssig | 3 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 4 | 6 | 6 | 2 |
| 0 | 0 | 0 | - | + | + | / | Diphenylamin | fest | 5 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 0 | 0 | 6 | 6 | 6 | / |
| - | 0 | + | + | + | 0 | / | Dodecylmercaptan | flüssig | 3 | 2 | 2 | 3 | 3 | 6 | 6 | 6 | 4 | 4 | 6 | 4 | 4 | / |
| - | 0 | + | + | + | + | + | Dowanol PnB (>95% 3-Butoxy-2-propanol) | flüssig | 4 | 2 | 2 | 3 | 3 | 6 | 6 | 6 | 1 | 3 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Eisen(III)-chlorid | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Eisen(III)-chlorid-Lösung 10-40% | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Essigsäure, 10%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | + | + | + | + | + | + | Essigsäure, 50%ig | flüssig | 5 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 0 | 0 | 6 | 6 | 6 | 6 |
| - | - | - | - | 0 | + | + | Essigsäure, konz. (Eisessig) | flüssig | 3 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | A | B | 3 | 6 | 6 | 5 |
| 0 | 0 | 0 | - | - | + | / | Essigsäureanhydrid | flüssig | 6 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 0 | 0 | 2 | 6 | 6 | / |
| - | 0 | 0 | 0 | + | + | 0 | Ethanol | flüssig | 2 | 1 | 1 | 3 | 3 | 4 | 5 | 4 | 1 | 2 | 6 | 6 | 6 | 3 |
| + | + | + | + | + | + | + | Ethanolamin | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 2 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Ethidumbromid 1%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | - | 0 | + | + | + | + | Ethoxypropanol | flüssig | 4 | 3 | 3 | 2 | 2 | 4 | 5 | 5 | B | 1 | 6 | 6 | 6 | 2 |
| - | - | - | - | - | 0 | - | Ethylacetat | flüssig | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 3 | 4 | 0 |
| - | - | - | - | - | 0 | - | Ethylacrylat | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | A | A | 1 | 3 | 4 | 0 |
| - | 0 | - | - | + | + | / | Ethylamin, 70%ig | flüssig | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 1 | 0 | B | 6 | 6 | 6 | / |
| - | - | - | - | + | - | - | Ethylbenzol | flüssig | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 6 | 1 | 1 | 0 |
| - | - | - | - | - | 0 | - | Ethylbutyrat | flüssig | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | A | A | 2 | 2 | 3 | 1 |
| + | + | + | + | + | + | + | Ethylencarbonat 30%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | + | 0 | - | Ethylenchlorid (1,2-Dichlorethan) | flüssig | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 6 | 3 | 3 | 0 |
| 0 | + | 0 | - | + | + | + | Ethyldiamin | flüssig | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 2 | 0 | B | 5 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Ethylenglycol | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | 0 | + | + | + | + | + | Ethylenglycolmonobutylether (Butoxyethanol; Butylglycol) | flüssig | 3 | 2 | 2 | 3 | 3 | 5 | 6 | 6 | 1 | 2 | 6 | 6 | 6 | 6 |
| - | - | - | - | - | 0 | / | Ethylformiat | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | A | A | 1 | 3 | 4 | / |
| - | - | - | - | - | 0 | / | Ethylmethacrylat | flüssig | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 2 | 2 | 3 | / |
| - | - | + | + | + | - | / | Exsol D 60 | flüssig | 2 | 1 | 1 | 2 | 2 | 5 | 6 | 6 | 1 | 1 | 6 | 1 | 2 | / |
| + | + | + | + | + | + | + | FluBsäure 15%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | 5 | 6 | 6 | 6 | 6 |
| 0 | + | + | 0 | + | + | 0 | FluBsäure 40%ig | flüssig | 5 | 4 | 4 | 6 | 6 | 5 | 6 | 4 | B | 1 | 6 | 6 | 6 | 4 |
| - | + | + | + | + | + | + | Formaldehyd 37%ig (stabilisiert mit ca.10% Methanol) | flüssig | 2 | 0 | 0 | 5 | 5 | 5 | 6 | 6 | 1 | 3 | 6 | 6 | 6 | 6 |

Quellung nach 8 Stunden:
 + beständig - unbeständig
 0 bedingt beständig

/ nicht geprüft

Level 0 0 min. Level 1 ≥10 min. Level 4 ≥120 min.
 Level A 1-5 min. Level 2 ≥30 min. Level 5 ≥240 min.
 Level B 5-10 min. Level 3 ≥60 min. Level 6 ≥480 min.



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|--------------------|----|-----------|------------|--------------------|--------------------|---|----------|-------------------|-----------------------|-----|-------------------|------------|-----------------------|-----------|---------------------------|-------------------|-----|---------------------|-------|-----|------------------------|
| NR | CR | NBR CR | NBR FKM | IIR Thermoplast | NBR Thermoplast | Chemikalie | Zustand | Naturlatex | | | Chloropren | | Nitril/ Chloropren | | Nitril | | | Fluor- kautschuk | Butyl | | Nitril/ Thermoplast |
| | | | | | | | | NR | NR | NR | CR | CR | NBR CR | NBR CR | NBR | NBR | NBR | FKM | IIR | IIR | NBR |
| | | | | | | | | 395 403 465 | 706 | 708 | 720 722 726 | 723 725 | 717 | 727 | 730 732,733 736,737 | 740 741 742 | 743 | 890 | 897 | 898 | 714 |
| + | + | + | + | + | + | Formamid | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | |
| + | + | + | + | + | + | Gamma-Butyrolacton | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| + | + | + | + | + | + | Glycerin | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| + | + | + | + | + | + | Glysantin | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| + | + | + | + | + | + | Harnstoff | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| 0 | 0 | + | + | + | 0 | Heizöl | flüssig | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 4 | 6 | 6 | 3 | 4 | 6 |
| - | - | + | + | + | - | Heptan-n | flüssig | 1 | 0 | 0 | 1 | 1 | 5 | 6 | 6 | 1 | 2 | 6 | 1 | 1 | 2 |
| - | - | + | + | + | - | Hexan-n | flüssig | 1 | 1 | 0 | 1 | 1 | 5 | 6 | 6 | 1 | 1 | 6 | 1 | 2 | 2 |
| - | - | - | - | - | + | Hexenal (trans-2-Hexenal) | flüssig | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | A | A | 2 | 4 | 5 | / |
| - | - | - | - | - | 0 | Hydranal-Arbeitsmedium K | flüssig | 2 | B | B | 1 | 1 | 0 | 1 | B | 0 | A | 6 | 3 | 4 | / |
| 0 | 0 | + | + | + | + | Hydranal-Composite 5 K | flüssig | 5 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 2 | 4 | 6 | 6 | 6 | / |
| - | - | - | - | - | + | Hydranal-Coulomat AG | flüssig | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | A | 1 | 6 | 6 | 6 | / |
| - | - | - | - | - | + | Hydranal-Solvent | flüssig | 3 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | B | 1 | 6 | 6 | 6 | / |
| + | + | + | + | + | + | Hydrazin | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Hydrochinon | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Hydrochinonmonomethylether | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Hydroxylammoniumchlorid | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | 0 | + | + | + | 0 | IBS Spezialreiniger EL/EXTRA (isoparaff. KW) | flüssig | 4 | 1 | 1 | 4 | 4 | 5 | 6 | 6 | 3 | 5 | 6 | 4 | 4 | / |
| - | - | + | + | + | 0 | IBS Spezialreiniger Purgasol (aromatenarme KW) | flüssig | 3 | 1 | 1 | 2 | 2 | 5 | 6 | 6 | 4 | 6 | 6 | 3 | 3 | / |
| + | + | + | + | + | + | Incidin Extra (1,0%ige Lösung in Wasser) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Incidin Perfect (0,5%ige Lösung in Wasser) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Incidin Plus (0,5%ige Lösung in Wasser) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Incidur (1,0%ige Lösung in Wasser) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Iod | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | + | + | + | + | + | Isobutylalkohol (Isobutanol) | flüssig | 3 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Isoflex Topas NB 52 | pastös | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | + | + | + | - | Isooctan (2,2,4-Trimethylpentan; Isobutyl-trimethylmethan; Iso-Octan) | flüssig | 2 | 1 | 1 | 2 | 2 | 5 | 6 | 6 | 3 | 6 | 6 | 2 | 2 | 3 |
| - | 0 | 0 | 0 | + | + | Isophoron | flüssig | 4 | 2 | 2 | 4 | 4 | 4 | 5 | 4 | 1 | 1 | 5 | 6 | 6 | / |
| - | - | - | - | - | 0 | Isopropylacetat (Essigsäure-1-methylethylester) | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | A | 1 | 4 | 4 | 1 |
| - | + | + | + | + | + | Isopropylalkohol (Isopropanol) | flüssig | 1 | B | B | 5 | 5 | 5 | 6 | 6 | 1 | 3 | 6 | 6 | 6 | 4 |
| - | - | + | + | + | 0 | Jet A-1 (Kerosin) | flüssig | 2 | B | B | 2 | 2 | 5 | 6 | 6 | 5 | 6 | 6 | 2 | 3 | 6 |
| + | + | + | + | + | + | Kalilauge, 10%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Kalilauge, gesättigt | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Kalilauge, gesättigt | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Kaliumhydroxid | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | 0 | + | + | - | Kontakt 60 (Kontakt Chemie) | aerosol | 1 | 0 | 0 | 1 | 1 | 4 | 6 | 6 | 1 | 3 | 6 | 1 | 2 | / |
| + | + | + | + | + | + | Levoxin 15 (Hydrazin) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Loctite 243 | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | 5 | 6 | 6 | 6 | 6 |
| 0 | + | + | + | + | + | Loctite 262 | flüssig | 6 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | 0 | + | + | + | + | Loctite 315 | flüssig | 6 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 3 | 3 | 6 | 6 | 6 | / |
| - | - | - | - | 0 | 0 | Loctite 3298 | flüssig | 1 | 1 | 1 | B | B | 1 | 2 | 2 | A | B | 3 | 3 | 4 | / |
| + | + | + | + | + | + | Loctite 511 | flüssig | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 4 | 4 | 6 | 6 | 6 | 6 |
| 0 | 0 | + | + | + | + | Loctite 601 | flüssig | 6 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 2 | 3 | 6 | 6 | 6 | / |
| - | + | + | + | + | + | Loctite 620 | flüssig | 3 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 4 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | - | 0 | Loctite 7200 (Gasket Remover/Kleb- und Dichtstoffentferner) | flüssig | 1 | A | A | A | A | 0 | 1 | 1 | A | A | 2 | 3 | 3 | / |
| - | - | - | - | + | - | Loctite 7386 | flüssig | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 6 | 1 | 1 | / |
| - | - | - | 0 | 0 | - | Loctite 7800 | flüssig | 1 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 0 | 0 | 3 | 1 | 1 | / |
| - | - | - | - | 0 | 0 | Lösin 100 (Universal Verdünner) | flüssig | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 0 | 0 | 3 | 2 | 3 | / |
| + | + | + | + | + | + | Maleinsäure, gesättigt | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Maleinsäureanhydrid | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Marlotherm S (Benzoldiphenylmethan mit 0-3 Methylgruppen) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | Mesamoll 633X49 | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | 0 | 0 | 0 | + | + | Methacrylsäure | flüssig | 3 | 1 | 1 | 3 | 3 | 4 | 5 | 4 | 1 | 2 | 6 | 6 | 6 | / |
| - | - | - | - | 0 | + | Methanol | flüssig | 1 | A | A | 2 | 2 | 2 | 3 | 2 | A | B | 4 | 6 | 6 | 2 |
| + | + | + | 0 | + | + | Methansulfonsäure (MSA) | flüssig | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 3 | 1 | 2 | 6 | 6 | 6 | / |
| - | - | - | - | - | + | Methylacetat | flüssig | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 4 | 5 | 0 |
| - | - | - | - | - | 0 | Methylacrylat | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 3 | 4 | 1 |
| + | + | + | + | + | + | Methylenblau | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

Quelle nach 8 Stunden:
 + beständig - unbeständig
 0 bedingt beständig

/ nicht geprüft

Level 0 0 min. Level 1 ≥10 min. Level 4 ≥120 min.
 Level A 1-5 min. Level 2 ≥30 min. Level 5 ≥240 min.
 Level B 5-10 min. Level 3 ≥60 min. Level 6 ≥480 min.

DIE CHEMISCHE BESTÄNDIGKEITSLISTE

| QUELLBESTÄNDIGKEIT | | | | | | | SUBSTANZ | PERMEATIONSZEIT/LEVEL | | | | | | | | | | | | | |
|--------------------|----|-----------|------------|-----|--------------------|--------------------|--|-----------------------|-----|------------|-------------------|-----------------------|-----------|-----------|-----------------------------|-------------------|---------------------|-------|-----|------------------------|--------------------|
| NR | CR | NBR CR | NBR FKM | FKM | IIR Thermoplast | NBR Thermoplast | | Naturlatex | | Chloropren | | Nitril/ Chloropren | | Nitril | | | Fluor- kautschuk | Butyl | | Nitril/ Thermoplast | |
| | | | | | | | | NR | NR | NR | CR | CR | NBR CR | NBR CR | NBR | NBR | NBR | FKM | IIR | IIR | NBR Thermoplast |
| | | | | | | | Chemikalie | | | | | | | | | | | | | | |
| | | | | | | | Zustand | 395 403 465 | 706 | 708 | 720 722 726 | 723 725 | 717 | 727 | 730 732, 733 736, 737 | 740 741 742 | 743 | 890 | 897 | 898 | 714 |
| - | - | - | - | - | + | - | Methylethylketon (Ethylmethylketon, 2-Butanon, MEK) | 1 | B | B | 1 | 1 | 0 | 1 | B | 0 | A | 1 | 5 | 5 | 1 |
| - | - | - | - | - | 0 | - | Methylformiat | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 4 | 0 |
| - | - | - | - | - | + | - | Methylisobutylketon (MIBK) | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | A | 2 | 4 | 5 | 1 |
| - | - | - | - | - | 0 | - | Methylmethacrylat | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 2 | 2 | 3 | 1 |
| + | + | + | + | + | + | + | Methylorange | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Methylrot | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | + | + | 0 | + | + | + | Milchsäure, 90%ig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | 0 | + | + | + | 0 | + | m-Kresol | 4 | 3 | 3 | 6 | 6 | 5 | 6 | 3 | 1 | 2 | 6 | 6 | 6 | 6 |
| 0 | 0 | + | + | + | 0 | + | Mobil DTE 25 | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 2 | 2 | 6 | 3 | 4 | 6 |
| 0 | 0 | + | + | + | 0 | + | Mobil Vactra Oil No. 2 | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 1 | 2 | 6 | 3 | 4 | 6 |
| + | + | + | + | + | + | + | Mobilcut 311 Kühlschmierst. (20% Triethanolamin, 15% Butoxyethoxy-ethoxyethanol) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | 0 | + | + | + | 0 | + | Mobilgear 629 | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 1 | 2 | 6 | 3 | 4 | 6 |
| 0 | 0 | + | + | + | 0 | + | Mobilgear 630 | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 1 | 1 | 6 | 3 | 4 | 6 |
| 0 | 0 | + | + | + | 0 | + | Mobilmet 151 | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 1 | 1 | 6 | 3 | 4 | 6 |
| + | + | + | + | + | + | + | Monoethylenglykol | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | 0 | + | 0 | Morpholin | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 3 | 6 | 6 | 3 |
| 0 | 0 | + | + | + | 0 | + | Motoröl | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 6 | 6 | 6 | 3 | 4 | 6 |
| 0 | - | - | - | - | - | - | N,N-Dimethylacetamid (DMAC) | 5 | 3 | 3 | 1 | 1 | 2 | 3 | 2 | 0 | 1 | 2 | 6 | 6 | 2 |
| - | - | + | + | + | - | - | Naphthalin (Waschbenzin 100/140) | 2 | 1 | 1 | 2 | 2 | 5 | 6 | 6 | 1 | 2 | 6 | 1 | 2 | 1 |
| + | + | + | + | + | + | + | Natriumhydroxid | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Natriumhypochlorit (12% Aktivchlor) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Natriumthiosulfat | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Natronlauge 10-30%ige Lösung | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Natronlauge 40-50%ige Lösung | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Natronlauge, 0-10%ige Lösung | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Natronlauge, gesättigt | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | + | + | - | Nitrobenzol | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 0 | 0 | 6 | 6 | 6 | 1 |
| - | - | - | - | 0 | - | / | Nitroverdünnung 1A | 1 | B | B | B | B | 0 | 1 | A | A | 3 | 2 | 2 | / | |
| - | - | - | - | + | 0 | / | o-Dichlorbenzol | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 0 | B | 6 | 2 | 3 | / |
| 0 | + | + | - | + | + | + | o-Kresol | 3 | 3 | 3 | 6 | 6 | 5 | 6 | 2 | 0 | 1 | 6 | 6 | 6 | 6 |
| - | 0 | 0 | 0 | + | + | / | Omnifit 100M Schraubensicherung | 4 | 2 | 2 | 4 | 4 | 4 | 5 | 4 | 1 | 1 | 6 | 6 | 6 | / |
| + | + | + | + | + | + | + | ortho-Phosphorsäure 85% | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | 0 | 0 | + | - | - | Ottokraftstoff Normal/Super/Super Plus/Bleifrei | 1 | A | A | B | B | 3 | 4 | 4 | A | B | 6 | 1 | 1 | 1 |
| + | + | + | + | + | + | + | Oxalsäure | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | + | + | + | + | + | + | P3-galvaclean 20 | 4 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 0 | 0 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | P3-rinsola | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Palmitinsäure | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Paraffin, flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Paraformaldehyd | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | - | - | - | Pattex compact | 1 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 0 | 0 | 2 | 1 | 2 | 1 |
| - | - | - | - | 0 | 0 | - | Pattex Kraftkleber | 1 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 0 | 0 | 3 | 2 | 3 | 1 |
| - | - | + | + | + | - | - | Pentan | 1 | 0 | 0 | 1 | 1 | 5 | 6 | 6 | 1 | 1 | 6 | 1 | 2 | 1 |
| + | + | + | + | + | + | / | Perchlorsäure, 70% ig | 6 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 0 | 0 | 6 | 6 | 6 | / |
| - | - | + | + | + | - | - | Petrolether 40/60 (Wundbenzin, Ligroin) | 1 | 0 | 0 | 2 | 2 | 5 | 6 | 6 | 1 | 2 | 6 | 1 | 1 | 1 |
| - | - | + | + | + | 0 | - | Petroleum A III (Ketrol HT) | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 4 | 6 | 6 | 3 | 3 | 1 |
| - | 0 | 0 | 0 | + | + | 0 | Phenol 40.5 (ATE 8007) | 4 | 2 | 2 | 4 | 4 | 4 | 6 | 4 | 1 | 2 | 6 | 6 | 6 | 4 |
| + | + | + | + | + | + | + | Phenolphthalein | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | 0 | 0 | 0 | + | + | / | Phenolphthaleinlösung 1% in Ethanol | 2 | 1 | 1 | 3 | 3 | 4 | 5 | 4 | 1 | 2 | 6 | 6 | 6 | / |
| + | + | + | + | + | + | + | Phosphorsäure, gesättigt | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Phosphorsäure, 10%ig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | - | 0 | / | Phosphorylchlorid (Phosphoroxchlorid, Phosphoroxidtrichlorid) | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 0 | B | 2 | 4 | 4 | / |
| - | - | - | - | - | 0 | / | Plastik 70 Aerosol | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 2 | 3 | / |
| - | - | - | - | 0 | + | / | Propionaldehyd | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 5 | 5 | / |
| - | - | 0 | 0 | + | + | / | Propionsäure (Propionsäure) | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 3 | A | B | 6 | 6 | 6 | / |
| - | - | - | - | - | 0 | - | Propylacetat | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | A | 0 | 1 | 3 | 4 | 1 |

Quellung nach 8 Stunden:
 + beständig - unbeständig
 0 bedingt beständig

/ nicht geprüft

Level 0 0 min.
 Level A 1-5 min.
 Level B 5-10 min.

Level 1 ≥10 min.
 Level 2 ≥30 min.
 Level 3 ≥60 min.

Level 4 ≥120 min.
 Level 5 ≥240 min.
 Level 6 ≥480 min.



DIE CHEMISCHE BESTÄNDIGKEITSLISTE

| QUELLBESTÄNDIGKEIT | | | | | | | SUBSTANZ | | PERMEATIONSZEIT/LEVEL | | | | | | | | | | | | | |
|--------------------|----|-----------|-----|-----|-----|--------------------|--|---------|-----------------------|----|----|------------|----|-----------------------|-----------|--------|-----|-----|---------------------|-------|-----|------------------------|
| NR | CR | NBR CR | NBR | FKM | IIR | NBR Thermoplast | Chemikalie | Zustand | Naturlatex | | | Chloropren | | Nitril/ Chloropren | | Nitril | | | Fluor- kautschuk | Butyl | | Nitril/ Thermoplast |
| | | | | | | | | | NR | NR | NR | CR | CR | NBR CR | NBR CR | NBR | NBR | NBR | FKM | IIR | IIR | NBR |
| - | - | - | - | - | 0 | - | Propylacetat (Essigsäurepropylester) | flüssig | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | A | 1 | 3 | 4 | 1 |
| - | 0 | + | + | + | + | 0 | Propylalkohol (1-Propanol) | flüssig | 3 | 2 | 1 | 4 | 4 | 5 | 6 | 6 | 1 | 3 | 6 | 6 | 6 | 4 |
| - | - | - | - | 0 | - | / | Propylamin | flüssig | 1 | A | A | B | B | 0 | 1 | 1 | A | A | 3 | 1 | 2 | / |
| - | - | - | - | - | + | - | Pyridin (Heterozyklische Verbindung) | flüssig | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 4 | 5 | 1 |
| + | + | + | + | + | + | + | Quecksilber | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | 0 | + | + | + | 0 | / | Rivolta M.TX. 100 | flüssig | 2 | 1 | 1 | 3 | 3 | 5 | 6 | 6 | 3 | 5 | 6 | 3 | 4 | / |
| - | 0 | + | + | + | 0 | / | Rivolta M.TX. 60 | flüssig | 2 | 1 | 1 | 3 | 3 | 5 | 6 | 6 | 3 | 5 | 6 | 3 | 4 | / |
| 0 | 0 | + | + | + | 0 | / | Rivolta S.K.D. 170 - Aerosol | flüssig | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 1 | 3 | 6 | 3 | 4 | / |
| - | 0 | + | + | + | 0 | / | Rivolta S.L.X. Top | flüssig | 4 | 1 | 1 | 4 | 4 | 5 | 6 | 6 | 3 | 3 | 6 | 3 | 4 | / |
| 0 | 0 | + | + | + | 0 | / | Rivolta T.R.S. plus | flüssig | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 2 | 3 | 6 | 3 | 4 | / |
| + | + | + | + | + | + | + | Salpetersäure, 10%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | 0 | 0 | - | Salpetersäure, konz. | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 2 | 3 | 1 |
| + | + | + | 0 | + | + | 0 | Salpetersäure, 50% | flüssig | 6 | 6 | 6 | 5 | 5 | 5 | 6 | 4 | 1 | 2 | 6 | 6 | 6 | 4 |
| + | + | + | + | + | + | + | Salzsäure 0-10% | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Salzsäure 10-20% | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Salzsäure 20-30% | flüssig | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 4 | 6 | 6 | 6 | 6 | 6 |
| 0 | + | + | + | + | + | + | Salzsäure 30-35% | flüssig | 5 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 4 | 5 | 6 | 6 | 6 | 6 |
| - | - | - | - | + | - | / | Schwefelkohlenstoff | flüssig | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 1 | 2 | / |
| + | + | + | + | + | + | + | Schwefelsäure 50%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | 0 | 0 | - | + | 0 | / | Schwefelsäure rauchend 65% SO3 (Oleum) | flüssig | 3 | 1 | 0 | 3 | 3 | 3 | 4 | 2 | 0 | 0 | 5 | 3 | 4 | / |
| - | 0 | 0 | - | + | 0 | 0 | Schwefelsäure, 96%ig | flüssig | 2 | 1 | 1 | 3 | 3 | 3 | 5 | 2 | B | B | 6 | 4 | 4 | 4 |
| + | + | + | + | + | + | + | Schwefelsäure, 10%ig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | + | 0 | / | Seevenax-Verdünner 73 | flüssig | 1 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 0 | 1 | 5 | 4 | 4 | / |
| 0 | 0 | + | + | + | 0 | + | Shell Retinax G | pastös | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 1 | 3 | 6 | 3 | 4 | 6 |
| 0 | 0 | + | + | + | 0 | + | Shell Tellus 46 | flüssig | 4 | 3 | 3 | 3 | 3 | 5 | 6 | 6 | 1 | 2 | 6 | 3 | 4 | 6 |
| - | - | - | - | - | + | / | Sicomet 50 | flüssig | 1 | 0 | 0 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 1 | 6 | 6 | / |
| - | - | - | - | - | + | / | Sicomet 85 | flüssig | 1 | 0 | 0 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 1 | 6 | 6 | / |
| + | + | + | + | + | + | + | Sidolin | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Silbernitrat | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | + | + | + | - | / | Siliciumtetrachlorid | flüssig | 1 | B | B | 1 | 1 | 5 | 6 | 6 | 6 | 6 | 6 | 1 | 2 | / |
| + | + | + | + | + | + | + | Skydrol LD Type 4 | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 6 |
| - | - | + | + | + | - | - | Spezialbenzin 100/140 (aromatenfrei) | flüssig | 2 | 1 | 1 | 2 | 2 | 5 | 6 | 6 | 1 | 2 | 6 | 1 | 2 | 1 |
| + | + | + | + | + | + | + | Stearinsäure | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | + | - | - | Styrol (Phenylethen, Phenylethylen, Vinyl-benzol, Cinnamol, Ethenylbenzol) | flüssig | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | A | A | 6 | 1 | 2 | 2 |
| + | + | + | + | + | + | + | Talkum | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | - | - | / | Tangit PVC-U Spezialklebstoff | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | / |
| - | - | - | - | - | - | / | Tangit Reiniger | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | / |
| - | - | - | - | - | 0 | / | Terokal 2444 | flüssig | 1 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 0 | B | 2 | 2 | 3 | / |
| - | - | - | - | - | - | - | Terpentinersatz | flüssig | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 2 | 1 | 2 | 1 |
| - | - | + | + | + | 0 | - | tert-Butylethylether | flüssig | 1 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 2 | 2 | 6 | 2 | 3 | 1 |
| - | - | 0 | + | + | - | - | Tetrachlorethylen (Perchloroethylen) | flüssig | 1 | 0 | 0 | 1 | 1 | 4 | 5 | 5 | 1 | 2 | 6 | 1 | 1 | 1 |
| - | - | 0 | + | + | - | - | Tetrachlorkohlenstoff (Tetra) | flüssig | 1 | 1 | 0 | 1 | 1 | 4 | 5 | 5 | 1 | 1 | 6 | 1 | 2 | 1 |
| - | - | - | - | - | - | - | Tetrahydrofuran | flüssig | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| - | - | 0 | 0 | 0 | 0 | / | Tetramethylethylendiamin | flüssig | 1 | B | B | 1 | 1 | 3 | 4 | 4 | A | B | 4 | 2 | 3 | / |
| + | + | + | + | + | + | + | Texanol | flüssig | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Thioacetamid | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 0 | + | 0 | 0 | + | + | / | Thioglykolsäure | flüssig | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 3 | B | 1 | 6 | 6 | 6 | / |
| + | + | + | + | + | + | + | Thioharnstoff | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| + | + | + | + | + | + | + | Titriplex III | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | + | - | - | Toluol | flüssig | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | A | 6 | 1 | 1 | 1 |
| + | + | + | + | + | + | + | Topanol O | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | - | + | / | Tributylphosphat | flüssig | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | B | 2 | 6 | 6 | / |
| + | + | + | + | + | + | + | Trichloressigsäure | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | + | - | - | Trichlorethylen (Tri) | flüssig | 1 | 0 | 0 | B | B | 0 | 1 | 1 | 0 | A | 6 | B | 1 | 1 |
| + | + | + | + | + | + | + | Triethanolamin | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 6 | 6 | 6 | 6 |
| - | - | + | + | + | + | / | Triethylamin | flüssig | 1 | 0 | 0 | 1 | 1 | 5 | 6 | 6 | 1 | 2 | 6 | 4 | 5 | / |
| 0 | + | + | - | + | + | / | Trifluoressigsäure | flüssig | 6 | 4 | 4 | 6 | 6 | 5 | 6 | 1 | A | A | 6 | 6 | 6 | / |
| - | - | - | - | + | - | / | Trifluormethansulfonsäure | flüssig | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | / |
| + | + | + | + | + | + | + | Triton X 100 | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| - | - | - | - | - | + | - | Vinylacetat monomer | flüssig | B | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 4 | 5 | 1 |
| + | + | + | + | + | + | + | Wasserstoffperoxid, 30%ig (Perhydrol) | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 2 | 6 | 6 | 6 | 6 |

Quelle nach 8 Stunden:
 + beständig - unbeständig
 0 bedingt beständig

/ nicht geprüft

Level 0 0 min. Level 1 ≥10 min. Level 4 ≥120 min.
 Level A 1-5 min. Level 2 ≥30 min. Level 5 ≥240 min.
 Level B 5-10 min. Level 3 ≥60 min. Level 6 ≥480 min.

DIE CHEMISCHE BESTÄNDIGKEITSLISTE

| QUELLBESTÄNDIGKEIT | | | | | | | | SUBSTANZ | | PERMEATIONSZEIT/LEVEL | | | | | | | | | | | | | | |
|--------------------|----|-----|----|-----|-----|--------------------|---|----------------------------------|---------|-----------------------|-----|-----|------------|-----------|-----------------------|-----|----------|-----|-----|---------------------|--------------------|-----|------------------------|--|
| NR | CR | NBR | | FKM | IIR | NBR Thermoplast | / | Chemikalie | Zustand | Naturlatex | | | Chloropren | | Nitril/ Chloropren | | Nitril | | | Fluor- kautschuk | Butyl | | Nitril/ Thermoplast | |
| | | NR | NR | | | | | | | NR | CR | CR | NBR CR | NBR CR | NBR | NBR | NBR | FKM | IIR | IIR | NBR Thermoplast | | | |
| | | | | | | | | | | 395 | 706 | 708 | 720 | 723 | 717 | 727 | 730 | 740 | 743 | 890 | 897 | 898 | 714 | |
| | | | | | | | | | | 403 | | | 722 | 725 | | | 732, 733 | 741 | | | | | | |
| | | | | | | | | | | 465 | | | 726 | | | | 736, 737 | 742 | | | | | | |
| - | - | - | - | - | - | - | / | WD-40 | flüssig | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 2 | 1 | 2 | / | |
| - | - | - | - | + | - | - | | Xylol | flüssig | 1 | 1 | 0 | B | B | 1 | 3 | 2 | 0 | 0 | 6 | 2 | 2 | 1 | |
| + | + | + | + | + | + | + | | Zitronensäure | fest | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| + | + | + | + | + | + | + | | Zitronensäure, gesättigt wässrig | flüssig | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |

Quellung nach 8 Stunden:

+ beständig - unbeständig
0 bedingt beständig

/ nicht geprüft

Level 0 0 min. Level 1 ≥10 min. Level 4 ≥120 min.
Level A 1-5 min. Level 2 ≥30 min. Level 5 ≥240 min.
Level B 5-10 min. Level 3 ≥60 min. Level 6 ≥480 min.

Penetration:

Alle Chemikalienschutzhandschuhe weisen einen Penetrationslevel 3 = AQL 0,65 auf. Dies entspricht einer 100%-Kontrolle.

Quellung:

| Level | Quellung | Bewertung |
|-------|----------|-------------------|
| + | < 7 % | Beständig |
| 0 | < 15 % | Bedingt beständig |
| - | ≥ 15 % | Unbeständig |

Wichtiger Hinweis:

Die Daten in der Beständigkeitsliste wurden unter Laborbedingungen (neue Handschuhe, keine zusätzliche mechanische Belastung, Raumtemperatur) mit größter Sorgfalt und mit modernen Meßmethoden ermittelt. Da die in der Praxis auftretenden Bedingungen häufig von diesen abweichen, können die Angaben nur eine Orientierungshilfe bei der Auswahl des geeigneten Chemikalienschutzhandschuhs sein. Insbesondere ersetzen sie keine Eignungstests durch den Endverbraucher.

