

Durability Table

The durability data given in Figure 109 are based on laboratory tests, are operational results or are average values from various sources. All information is correct to the best of our knowledge.

Legend: 1 very suitable L risk of pitting corrosion
 2 suitable S risk of crevice corrosion
 3 not advisable

These ranking numbers can be used to make a preliminary selection of the materials for certain applications. However, practical trials may be necessary in many cases, with due consideration of the operational conditions and the function to be fulfilled by the component. For a sufficiently reliable assessment of the durability of a material, parameters such as pressure, temperature, composition of the medium, concentration and pH value are needed.

| Medium | State | Temperature °C | Durability of the materials | | | | | | | |
|---------------------------|---------------------------------|-------------------|-----------------------------|------------------|------------------------------|--------|------|--------------|-----------|-------------|
| | | | Grey/malleable cast iron | Steel/cast steel | Austenitic steel (1.4571) | Bronze | EPDM | NBR/Perbunan | FKM/Viton | PTFE/Teflon |
| | Mass per unit volume in % | | | | | | | | | |
| Acetaldehyde | Liquid | 20 | 3 | 3 | 1 | 2 | 2 | 3 | 3 | 1 |
| Acetic anhydride | Liquid | 20 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 1 |
| Acetone | Liquid | 20 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 1 |
| Acetylene | Gas | 20 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 |
| Acrylonitrile | Liquid | 20 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 1 |
| Aluminium chloride | 26% solution | 20 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | 1 |
| Aluminium sulphate | 10% solution | 20 | 3 | 2 | 1 | 3 | 1 | 1 | 1 | 1 |
| Ammonia, anhydrous | Gas | 20 | 2 | 1 | 1 | 3 | 1 | 2 | 3 | 1 |
| Ammonia, aqueous | 30% solution | 20 | 1 | 1 | 1 | 3 | 1 | 2 | 3 | 1 |
| Ammonium carbonate | 20% solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 3 | 1 |
| Ammonium chloride | 10% solution | 20 | 3 | 3 | 1(L) | 3 | 1 | 1 | 1 | 1 |
| Ammonium monophosphate | 10% solution | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ammonium nitrate | Aqueous solution | 100 | 3 | 3 | 1 | 3 | 1 | 2 | 1 | 1 |
| Ammonium sulphate | 50% solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Amyl acetate | 50% solution | 20-130 | 2 | 2 | 1 | 2 | 1 | 3 | 3 | 1 |
| Aniline | Liquid | 20-60 | 1 | 1 | 1 | 1 | 3 | 3 | 1 | 1 |
| Apple juice | Liquid | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Asphalt | Liquid | 20-80 | 2 | 2 | 1 | 1 | 1 | 3 | 1 | 1 |
| Barium carbonate | 20 % solution | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Barium chloride | 10 % solution | 20 | 3 | 2 | 1(L) | 2 | 1 | 1 | 1 | 1 |
| Barium sulphate | Aqueous solution | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Beer | Aqueous solution | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |

| Medium | State | °C Temperature | Durability of the materials | | | | | | | |
|---------------------------|-----------------------------|----------------|-----------------------------|------------------|---------------------------|--------|------|--------------|-----------|-------------|
| | | | Grey/malleable cast iron | Steel/cast steel | Austenitic steel (1.4571) | Bronze | EPDM | NBR/Perbunan | FKM/Viton | PTFE/Teflon |
| Beet sugar liquor | Aqueous solution | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Benzaldehyde | Liquid | 20 | 3 | 3 | 1 | 2 | 1 | 2 | 1 | 1 |
| Benzene | Liquid | 20 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 1 |
| Benzoic acid | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Benzol | Liquid | 20 | 1 | 1 | 1 | 1 | 3 | 3 | 1 | 1 |
| Boric acid | 50 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Brines | 10-15 % solution | 20 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 |
| Bromine, wet | Liquid | 20 | 3 | 3 | 3 | 2 | 1 | 3 | 1 | 1 |
| Butane | Gas | 20 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |
| Buttermilk | Aqueous solution | 90 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Butyl acetate | Liquid | 20 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 1 |
| Butyric acid | Solution | 100 | 3 | 3 | 1 | 3 | 1 | 2 | 1 | 1 |
| Calcium carbonate | Aqueous solution, saturated | 20 | 2 | 2 | 1(L) | 2 | 1 | 1 | 1 | 1 |
| Calcium chloride | 25 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Calcium hydrogensulphite | 4 % solution | 20 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 |
| Calcium hydroxide | Aqueous solution | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Calcium sulphate | 10 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Carbolic (phenic) acid | 90 % solution | 20-100 | 3 | 3 | 1 | 2 | 3 | 3 | 1 | 1 |
| Carbon dioxide, dry | Gas | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Carbon disulphide | Gas | 50 | 2 | 2 | 1 | 3 | 3 | 3 | 1 | 1 |
| Carbon tetrachloride, wet | Liquid | 20 | 2 | 2 | 1(L) | 2 | 3 | 3 | 1 | 1 |
| Carbonic acid | Aqueous solution | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Castor oil | Liquid | 20 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 |
| Chlorine, dry | Gas | 20 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 1 |
| Chlorine water, saturated | Aqueous solution | 20 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 1 |
| Chlorine, wet | Gas | 20 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 |
| Chloroform, dry | Liquid | 60 | 2 | 2 | 1 | 2 | 3 | 3 | 2 | 1 |
| Chlorosulphuric acid, dry | 10% solution | 20 | 2 | 2 | 2(L) | 2 | 3 | 3 | 3 | 1 |
| Chlorosulphuric acid, wet | 10% solution | 20 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 |

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| Medium | State | Temperature °C | Beständigkeit der Werkstoffe | | | | | | | |
|-----------------------------|---------------------------------|-------------------|------------------------------|------------------|------------------------------|--------|------|--------------|-----------|-------------|
| | | | Grey/malleable cast iron | Steel/cast steel | Austenitic steel (1.4571) | Bronze | EPDM | NBR/Perbunan | FKM/Viton | PTFE/Teflon |
| | Mass per unit volume in % | | | | | | | | | |
| Chromic acid | 10 % solution | 30 | 3 | 3 | 1 | 3 | (1) | 3 | 1 | 1 |
| Copper acetate | Aqueous solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Copper sulphate | Aqueous solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Cresols | Aqueous solution | 20 | 2 | 2 | 1 | 3 | 3 | 3 | 1 | 1 |
| Cutting oil | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 1 |
| Diesel fuel | Liquid | 20 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| Diethylamine | Liquid | 25 | 1 | 1 | 1 | 3 | 1 | 2 | 3 | 1 |
| Ethane | Gas | 20 | 2 | 2 | 2 | 1 | 3 | 1 | 1 | 1 |
| Ethanoic acid | 25 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 1 |
| Ethanoic acid, anhydrous | Liquid | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Ether | Liquid | 20 | 2 | 1 | 1 | 1 | 2 | 3 | 3 | 1 |
| Ethyl acetate | Liquid | 20 | 3 | 2 | 1 | 3 | 3 | 3 | 3 | 1 |
| Ethyl alcohol | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 1 |
| Ethyl chloride, dry | Gas | 20 | 2 | 2 | 1(L) | 2 | 3 | 2 | 2 | 1 |
| Ethyl chloride, wet | Gas | 20 | 3 | 3 | 1 | 3 | 3 | 2 | 2 | 1 |
| Ethylene glycol | Liquid | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 |
| Fatty acids | Liquid | 150 | 3 | 3 | 1 | 2 | 3 | 3 | 1 | 1 |
| Fluorine, anhydrous | Gas | 20 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 1 |
| Formaldehyd | 40 % solution | 60 | 3 | 3 | 1 | 1 | 1 | 3 | 2 | 1 |
| Formic acid | 50-100% solution | 20-70 | 3 | 3 | 1 | 2 | 2 | 3 | 3 | 1 |
| Freons, anhydrous | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 1 |
| Fruit juices | Aqueous solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Furfural | Gas | 20 | 2 | 2 | 1 | 1 | 3 | 3 | 3 | 1 |
| Glucose | Aqueous solution, conc. | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Glycerol | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Glycols | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Heating oil, heavy | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 2 | 1 | 1 |
| Heating oil, light | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 1 |
| Heptane | Liquid | 20 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 |
| Hydraulic fluid | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 1 |
| Hydrobromic acid | Aqueous solution | 20 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 1 |
| Hydrochloric acid | 10 % solution | 20 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | 1 |
| Hydrochloric acid | 32 % solution | 20 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | 1 |

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| Medium | State | °C Temperature | Durability of the materials | | | | | | | |
|-----------------------|------------------|----------------|-----------------------------|------------------|---------------------------|--------|------|--------------|-----------|-------------|
| | | | Grey/malleable cast iron | Steel/cast steel | Austenitic steel (1.4571) | Bronze | EPDM | NBR/Perbunan | FKM/Viton | PTFE/Teflon |
| Hydrofluoric acid | 60 % solution | 20 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 1 |
| Hydrogen | Gas | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hydrogen peroxide | 30 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 3 | 1 | 1 |
| Iron(III) chloride | 10 % solution | 50 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 1 |
| Iron nitride | Aqueous solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Iron(III) sulphate | 10 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Isopropyl alcohol | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 |
| Isopropyl ether | Liquid | 20 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 |
| Kerosine (paraffin) | Liquid | 20 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| Lemon juice | 15 % solution | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 3 | 1 |
| Lactic acid | 10-50 % solution | 20 | 3 | 3 | 1 | 2 | 3 | 1 | 1 | 1 |
| Lead acetate | 25 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Lighting gas | Gas | 20 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| Linseed oil | Liquid | 20 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| Magnesium sulphate | 10 % solution | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Maleic acid | 50 % solution | 100 | 3 | 2 | 1 | 3 | 1 | 1 | 1 | 1 |
| Methane | Gas | 100 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |
| Methyl acetate | Solution | 20 | 2 | 2 | 1 | 1 | 3 | 3 | 3 | 1 |
| Methyl alcohol | Liquid | 20 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 1 |
| Methyl chloride | Gas | 100 | 2 | 2 | 1 | 1 | 1 | 3 | 1 | 1 |
| Methyl cellulose | Aqueous solution | 20 | 2 | 2 | 1 | 1 | 3 | 3 | 2 | 1 |
| Methylene chloride | Liquid | 20 | 3 | 3 | 1(L) | 3 | 3 | 3 | 1 | 1 |
| Milk | Liquid | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Mineral oil | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 1 |
| Molasses | Liquid | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Naphtha | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 1 |
| Nickel sulphate | Aqueous solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Nitric acid | 30 % solution | 20 | 3 | 3 | 1 | 3 | 2 | 3 | 1 | 1 |
| Nitric acid | 100 % solution | 20 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 1 |
| Nitrobenzene | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 3 | 3 | 1 |
| Nitrous fumes | Gas | 100 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 1 |
| Oil (crude oil, sour) | Liquid | 20 | 3 | 3 | 1 | 3 | 3 | 1 | 1 | 1 |
| Oil (fish oil) | Liquid | 150 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 |
| Oil (lubricating oil) | Liquid | 20 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| Continued | | | | | | | | | | |

| Medium | State | Temperature °C | Durability of the materials | | | | | | | |
|-------------------------------|--------------------------------|-------------------|-----------------------------|------------------|------------------------------|--------|------|--------------|-----------|-------------|
| | | | Grey/malleable cast iron | Steel/cast steel | Austenitic steel (1.4571) | Bronze | EPDM | NBR/Perbunan | FKM/Viton | PTFE/Teflon |
| Oil (mineral oil, refined) | Liquid | 20 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| Oleic acid: see fatty acid | Liquid | 150 | 3 | 3 | 1 | 3 | 3 | 3 | 1 | 1 |
| Oleum | Liquid | 20 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 1 |
| Olive oil | Liquid | 100 | 2 | 2 | 1 | 1 | 3 | 2 | 1 | 1 |
| Oxalic acid | 25-50% solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Oxygen | Gas | 20 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 |
| Ozone, dry | Gas | 20 | 1 | 1 | 1 | 1 | 3 | 3 | 1 | 1 |
| Ozone, wet | Gas | 20 | 3 | 3 | 1 | 2 | 3 | 3 | 1 | 1 |
| Palm oil | Liquid | 100 | 3 | 3 | 1 | 2 | 3 | 2 | 1 | 1 |
| Pentane | Gas | 100 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 |
| Perchloroethylene | Liquid | 20 | 2 | 2 | 1(L) | 3 | 3 | 3 | 1 | 1 |
| Petroleum jelly | Liquid | 20 | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 1 |
| Phenol | 80 % solution | 100 | 3 | 3 | 1 | 2 | 3 | 3 | 1 | 1 |
| Phosphoric acid | 10 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Phosphoric acid | 50 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Potassium carbonate | 50 % solution | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 |
| Potassium chlorate | Aqueous solution, saturated | 100 | 3 | 3 | 1 | 2 | 1 | 3 | 1 | 1 |
| Potassium dichromate | 30 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 2 | 1 | 1 |
| Potassium diphosphate | 20 % solution | 20 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| Potassium hydroxide | Molten | 360 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 3 |
| Potassium hydroxide | 70 % solution | 100 | 2 | 2 | 1(S) | 3 | 2 | 3 | 2 | 1 |
| Potassium sulphate | 50 % solution | 50 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Producer gas | Gas | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 |
| Propane | Gas | 20-80 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Propanol (propyl alcohol) | solution | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Propylene glycol | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 |
| Salicylic acid | 20 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Seawater | Aqueous solution | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Soap solution | 10 % solution | 20 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Sodium acetate | Aqueous solution | 20 | 3 | 3 | 2 | 2 | 1 | 2 | 1 | 1 |
| Sodium aluminate | Aqueous solution | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 |
| Sodium bisulphite | 50 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |

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| Medium | State | Temperature °C | Durability of the materials | | | | | | | |
|--------------------------------|----------------------------|-------------------|-----------------------------|---------------------|------------------------------|--------|------|--------------|-----------|-------------|
| | | | Grey/malleable cast iron | Steel/cast steel | Austenitic steel (1.4571) | Bronze | EPDM | NBR/Perbunan | FKM/Viton | PTFE/Teflon |
| Sodium bromide | 10 % solution | 20 | 3 | 3 | 2(L) | 2 | 1 | 1 | 1 | 1 |
| Sodium chloride | 20 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Sodium chromate | 20 % solution | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 |
| Sodium hydroxide | 70 % solution | 20 | 2 | 2 | 1 | 3 | 2 | 1 | 1 | 1 |
| Sodium meta- phosphate | 10 % solution | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 |
| Sodium metasilicate | 10 % solution | 20 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Sodium peroxide | 10 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 3 | 1 | 1 |
| Sodium sulphate | 20 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Sodium sulphide | 25 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Sodium thiosulphate | 25 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 3 | 1 | 1 |
| Steam (water vapour) | Saturated steam | 100 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 1 |
| Sulphur | Molten | 130 | 2 | 2 | 1 | 3 | 3 | 3 | 1 | 1 |
| Sulphuric acid | 7 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Sulphuric acid | 50 % solution | 20 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 1 |
| Sulphuric acid | 98 % solution | 20 | 2 | 2 | 1 | 3 | 3 | 3 | 2 | 1 |
| Stearic acid | Liquid | 100 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Sugar solution | 10 % solution | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tartaric acid | 50 % solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Tetraethyl lead | Liquid | 20 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 1 |
| Tin(II) chloride | 20 % solution | 20 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 1 |
| Toluol | Liquid | 20 | 1 | 1 | 1 | 1 | 3 | 3 | 2 | 1 |
| Tomato juice | Aqueous solution | 20 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 1 |
| Transformer oil | Aqueous solution | 20 | 2 | 1 | 1 | 2 | 3 | 1 | 2 | 1 |
| Trichloroethylene | Aqueous solution | 20 | 2 | 2 | 1(L) | 2 | 3 | 3 | 1 | 1 |
| Turpentine | Liquid | 100 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 |
| Urea | Aqueous solution, conc. | 20 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 |
| Vegetable oil (edible) | Liquid | 20 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 |
| Water, distilled (carbonic) | Liquid | 20 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Water (make-up water) | Liquid | 20 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Wax emulsion | Aqueous solution | 50 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| Xylo | Liquid | 20 | 2 | 2 | 1 | 1 | 3 | 3 | 1 | 1 |
| Zinc sulphate | 20 % solution | 20-100 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |

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