Chemical Resistance of PUR (Polyurethane)

Substance	Concen-tration (%)	Classification of requirement
Aceton		○
Ethyl alcohol	100	◑
Alums		○
Aluminium chloride	10	◕
Formic acid	30	○
Ammonia	10	●
Ammonium carbonate		○
Ammonium chloride		◕
Aniline		○
ASTM-Oil I		●
ASTM-Oil II		●
ASTM-Oil III		●
ASTM-Fuel No. I		●
ASTM-Fuel No. II		◑
ASTM-Fuel No. III		◑
Benzene		○
Brake fluid ATE		○
Butanol		○
Butyl acetate		○
Calcium chloride	40	◕
Chlorobenzene		○
Chloroform		○
Chloroprene		○
Chromic acid		○
Cyclohexan		◑
Cyclohexanon		○
Diethylether		●
Diethylprestone		●
Diesel oil		◕
Dimethylformamide		○
Ferric-III-chloride	10	◕
Acetic acid 20–80	10	◑
Ethanol		◑
Ethyl ether		◑
Ethylacetate		○
Ethylencloride		◕
Freon 12		◑
Freon 22		◑
Hydraulic oil SAE 90		◑*
Glycerin		●
Glycol		●
Isopropanol		○
Potash lye	10	●
Bichromate of potash		◕
Potassium nitrate		◕
Potassium permanganate		○
Kerosene		●

Substance	Concen-tration (%)	Classification of requirement
Magnesium chloride	30	◕
Methanol	< 5	◑
Mythyl acetate		○
Mythyl chloride		○
Methylethylketon		◑
Mythylglycol		○
Mythylglycolacetate		○
Lactic acid	10	○
Mineral oil		◑*
Motor oil		○
Sodium chloride	10	◕
Sodium perchlorate solut.		●
Soda lye	10	●
Olive oil		●
Ozone		●
Paraffin oil		●
Perchlore ethylene		○
Petroleum ether		●
Petroleum		◕
Vegetable oils		●
Vegetable fats		●
Phosphoric acid	50	○
Nitric acid	30	○
Hydrochlorid acid, concen.		○
Cutting oil		◑*
Carbon disulfide		○
Sulfuric acid	30	●
Sea water		●
Silver salts	20	●
Tetrachloroethylene		○
Carbon tetrachloride	100	○
Tetrahydrofuran		○
Toluene		○
Trichlorethylene		○
Tataric acid	< 10	●
Xylon		○

resistant ●
vastly resistant ◕
conditionally resistant ◑
not resistant ○
*for individual case, please verify

The information mentioned in this summary is given to the best of our own knowledge and based upon our long standing experience. But we would like to direct your attention to the fact, that the information is given without obligation. A final judgement can only be made in practice.