

Adhesive Chemical Resistance Chart

AC100+Gold®

Chemical Agent	Concentration	Resistant	Not Resistant
Accumulator acid		•	
Acetic acid	40		•
Acetic acid	10	•	
Acetone	10		•
Ammonia, aqueous solution	5	•	
Aniline	100		•
Beer		•	
Benzene	100	•	
Benzole	100	•	
Boric Acid, aqueous solution		•	
Calcium carbonate, suspended in water	All	•	
Calcium chloride, suspended in water		•	
Calcium hydroxide, suspended in water		•	
Carbon tetrachloride	100	•	
Caustic soda solution	10	•	
Citric acid	All	•	
Diesel fuel	100	•	
Ethyl alcohol, aqueous solution	50		•
Ethylene glycol		•	
Formic acid	100		•
Formaldehyde, aqueous solution	30	•	
Freon		•	
Fuel Oil		•	
Gasoline (premium grade)	100	•	
Hydraulic fluid	Conc.	•	
Hydrochloric acid (Muriatic Acid)	Conc.		•
Hydrogen peroxide	30		•
Isopropyl alcohol	100		•
Jet fuel		•	
Kerosene		•	
Lactic acid	All	•	
Linseed oil	100	•	
Lubricating oil	100	•	
Magnesium chloride, aqueous solution	All	•	
Methanol	100		•
Motor oil (SAE 20 W-50)	100	•	
Nitric acid	10		•
Oleic acid	100	•	
Perchloroethylene	100	•	
Phenol, aqueous solution	8		•
Phosphoric acid	85	•	
Potash lye (potassium hydroxide)	10	•	
Potassium carbonate, aqueous solution	All	•	
Potassium chlorite, aqueous solution	All	•	
Potassium nitrate, aqueous solution	All	•	
Sodium carbonate	All	•	
Sodium Chloride, aqueous solution	All	•	
Sodium phosphate, aqueous solution	All	•	
Sodium silicate	All	•	
Sulfuric acid	10	•	
Sulfuric acid	70		•
Tartaric acid	All	•	
Tetrachloroethylene	100	•	
Toluene			•
Trichloroethylene	100		•
Turpentine	100	•	

Results shown in the table are applicable to brief periods of chemical contact with fully cured adhesive (e.g. temporary contact with the adhesive during a spill).
ESR-2582

PE1000+®

Chemical Agent	Concentration	Resistant	Not Resistant
Acetic acid (Vinegar)	40		•
Acetone	10		•
Ammonia, aqueous solution	5	•	
Aniline	100		•
Beer	100	•	
Benzene	100	•	
Benzole	100	•	
Boric Acid, aqueous solution		•	
Calcium carbonate, suspended in water	All	•	
Calcium chloride, suspended in water		•	
Calcium hydroxide, suspended in water		•	
Carbon tetrachloride	100	•	
Caustic soda	10	•	
Citric acid	All	•	
Chlorine	All	•	
Diesel fuel	100	•	
Ethyl alcohol, aqueous solution	50		•
Ethylene glycol		•	
Formaldehyde, aqueous solution	30	•	
Formic acid	100		•
Formic acid	10	•	
Freon		•	
Fuel Oil		•	
Gasoline (premium grade)	100	•	
Hydrogen peroxide	30		•
Hydrochloric acid (Muriatic Acid)	Conc.		•
Isopropyl alcohol	100		•
Jet fuel		•	
Kerosene		•	
Lactic acid	All		•
Laitance		•	
Linseed oil	100	•	
Lubricating oil	100	•	
Magnesium chloride, aqueous solution	All	•	
Methanol	100		•
Motor oil (SAE 20 W-50)	100	•	
Nitric acid	10		•
Oleic acid	100	•	
Perchloroethylene	100	•	
Phenol, aqueous solution	8		•
Phosphoric acid	85	•	
Potash lye (potassium hydroxide, 10% and 40% solutions)		•	
Potassium carbonate, aqueous solution	All	•	
Potassium chlorite, aqueous solution	All	•	
Potassium nitrate, aqueous solution	All	•	
Sodium carbonate, aqueous solution	All	•	
Sodium chloride, aqueous solution	All	•	
Sodium phosphate, aqueous solution	All	•	
Sodium silicate	All	•	
Sulfuric acid	30		•
Tartaric acid	All	•	
Tetrachloroethylene	100	•	
Toluene			•
Trichloroethylene	100		•
Turpentine	100	•	

Results shown in the table are applicable to brief periods of chemical contact with fully cured adhesive (e.g. temporary contact with the adhesive during a spill).
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Adhesive Chemical Resistance Chart

AC50 Silver®

Chemical Agent	Concentration	Resistant	Not Resistant
Accumulator acid			•
Acetic acid	40		•
Acetic acid	10	•	
Acetone	10		•
Ammonia, aqueous solution	5	•	
Aniline	100		•
Beer		•	
Benzene (kp 100-140°F)	100	•	
Benzole	100	•	
Boric Acid, aqueous solution			•
Calcium carbonate, suspended in water	All	•	
Calcium chloride, suspended in water		•	
Calcium hydroxide, suspended in water		•	
Carbon tetrachloride	100	•	
Caustic soda solution	10	•	
Citric acid	All	•	
Diesel fuel	100	•	
Ethyl alcohol, aqueous solution	50		•
Ethylene glycol		•	
Formic acid	100		•
Formaldehyde, aqueous solution	30	•	
Freon		•	
Fuel Oil		•	
Gasoline (premium grade)	100	•	
Hydraulic fluid	Conc.	•	
Hydrochloric acid (Muriatic Acid)	Conc.		•
Hydrogen peroxide	30		•
Isopropyl alcohol	100		•
Jet fuel		•	
Kerosene		•	
Lactic acid	All	•	
Linseed oil	100	•	
Lubricating oil	100	•	
Magnesium chloride, aqueous solution	All	•	
Methanol	100		•
Motor oil (SAE 20 W-50)	100	•	
Nitric acid	10		•
Oleic acid	100	•	
Perchloroethylene	100		•
Petroleum	100	•	
Phenol, aqueous solution	8		•
Phosphoric acid	85		•
Potash lye (potassium hydroxide)	10	•	
Potassium carbonate, aqueous solution	All	•	
Potassium chlorite, aqueous solution	All	•	
Potassium nitrate, aqueous solution	All	•	
Sodium carbonate	All	•	
Sodium Chloride, aqueous solution	All	•	
Sodium phosphate, aqueous solution	All	•	
Sodium silicate	All	•	
Standard Benzene	100	•	
Sulfuric acid	10		•
Sulfuric acid	70		•
Tartaric acid	All	•	
Tetrachloroethylene	100	•	
Toluene			•
Trichloroethylene	100		•
Turpentine	100	•	

Results shown in the table are applicable to brief periods of chemical contact with fully cured adhesive (e.g. temporary contact with the adhesive during a spill).

Pure50+®

Chemical Agent	Concentration	Resistant	Not Resistant
Acetic acid (Vinegar)	40		•
Acetone	10		•
Ammonia, aqueous solution	5	•	
Aniline	100		•
Beer	100	•	
Benzene	100	•	
Benzole	100	•	
Boric Acid, aqueous solution		•	
Calcium carbonate, suspended in water	All	•	
Calcium chloride, suspended in water		•	
Calcium hydroxide, suspended in water		•	
Carbon tetrachloride	100	•	
Caustic soda	10	•	
Citric acid	All	•	
Chlorine	All	•	
Diesel fuel	100	•	
Ethyl alcohol, aqueous solution	50		•
Ethylene glycol		•	
Formaldehyde, aqueous solution	30	•	
Formic acid	100		•
Formic acid	10	•	
Freon		•	
Fuel Oil		•	
Gasoline (premium grade)	100	•	
Hydrogen peroxide	30		•
Hydrochloric acid (Muriatic Acid)	Conc.		•
Isopropyl alcohol	100		•
Jet fuel		•	
Kerosene		•	
Lactic acid	All		•
Laitance		•	
Linseed oil	100	•	
Lubricating oil	100	•	
Magnesium chloride, aqueous solution	All	•	
Methanol	100		•
Motor oil (SAE 20 W-50)	100	•	
Nitric acid	10		•
Oleic acid	100	•	
Perchloroethylene	100	•	
Phenol, aqueous solution	8		•
Phosphoric acid	85	•	
Potash lye (potassium hydroxide, 10% and 40% solutions)		•	
Potassium carbonate, aqueous solution	All	•	
Potassium chlorite, aqueous solution	All	•	
Potassium nitrate, aqueous solution	All	•	
Sodium carbonate, aqueous solution	All	•	
Sodium chloride, aqueous solution	All	•	
Sodium phosphate, aqueous solution	All	•	
Sodium silicate	All	•	
Sulfuric acid	30		•
Tartaric acid	All	•	
Tetrachloroethylene	100	•	
Toluene			•
Trichloroethylene	100		•
Turpentine	100	•	

Results shown in the table are applicable to brief periods of chemical contact with fully cured adhesive (e.g. temporary contact with the adhesive during a spill).

Adhesive Chemical Resistance Chart

Pure110+®

Chemical Agent	Concentration	Resistant	Not Resistant
Acetic acid (Vinegar)	40		•
Acetone	10		•
Ammonia, aqueous solution	5	•	
Aniline	100		•
Beer	100	•	
Benzene	100	•	
Benzole	100	•	
Boric Acid, aqueous solution		•	
Calcium carbonate, suspended in water	All	•	
Calcium chloride, suspended in water		•	
Calcium hydroxide, suspended in water		•	
Carbon tetrachloride	100	•	
Caustic soda	10	•	
Citric acid	All	•	
Chlorine	All	•	
Diesel fuel	100	•	
Ethyl alcohol, aqueous solution	50		•
Ethylene glycol		•	
Formaldehyde, aqueous solution	30	•	
Formic acid	100		•
Formic acid	10	•	
Freon		•	
Fuel Oil		•	
Gasoline (premium grade)	100	•	
Hydrogen peroxide	30		•
Hydrochloric acid (Muriatic Acid)	Conc.		•
Isopropyl alcohol	100		•
Jet fuel		•	
Kerosene		•	
Lactic acid	All		•
Laitance		•	
Linseed oil	100	•	
Lubricating oil	100	•	
Magnesium chloride, aqueous solution	All	•	
Methanol	100		•
Motor oil (SAE 20 W-50)	100	•	
Nitric acid	10		•
Oleic acid	100	•	
Perchloroethylene	100	•	
Phenol, aqueous solution	8		•
Phosphoric acid	85	•	
Potash lye (potassium hydroxide, 10% and 40% solutions)		•	
Potassium carbonate, aqueous solution	All	•	
Potassium chlorite, aqueous solution	All	•	
Potassium nitrate, aqueous solution	All	•	
Sodium carbonate, aqueous solution	All	•	
Sodium chloride, aqueous solution	All	•	
Sodium phosphate, aqueous solution	All	•	
Sodium silicate	All	•	
Sulfuric acid	30		•
Tartaric acid	All	•	
Tetrachloroethylene	100	•	
Toluene			•
Trichloroethylene	100		•
Turpentine	100	•	

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