

Chemical Compatibility Chart

✓ Good to Excellent with little or no swelling, surface effects or loss of physical properties.

٦Г

• Marginal or Conditional. Effects whilst noticeable may not affect properties or serviceability. Testing for specific applications is recommended. Long term effects such as hardening or potential for crazing should be evaluated.

Poor or Unsatisfactory. Not recommended without extensive, realistic testing.

X Not suitable. Soluble or attacked after brief contact.

Т

Т

? Test results not available.

Г

NB: These chemical resistances are based on normal ambient temperature (20°C). Elevated temperatures can significantly decrease the chemical resistance from that indicated.

٦Г

Product Chemical	Food, Air & Industrial - Ledathene Formula F45	Fuel & Oil - Ledalon 12 Formula N12	High Pressure - Ledalon 11 Formula N11	Airflex Formula A70	Product Chemical	Food, Air & Industrial - Ledathene Formula F45	Fuel & Oil - Ledalon 12 Formula N12	High Pressure - Ledalon 11 Formula N11	Airflex Formula A70	Product Chemical	Food, Air & Industrial - Ledathene Formula F45	Fuel & Oil - Ledalon 12 Formula N12	High Pressure - Ledalon 11 Formula N11	Airflex Formula A70
Acetaldehyde	~	~	~		Diethyl Ether		~	~	?	Perchloethylene		~	~	
Acetamide	~	~	~	?	Dioxane	~	~	~	?	Petrol	0	~	~	0
Acetic Acid 50%	~			0	Ether		~	~		Phenol liquid				
Acetic Anhydride		0	0	?	Ethyl Acetate	~	~	~	0	Phosphoric Acid 10%	~	0	0	×
Acetone		~	~	×	Ethyl Alcohol	~	~	~		PotassiumHydroxide50%	~	~	~	
Allyl Alcohol	~	0	0	?	Ethylene Chloride	~	0	0		Propane Gas		~	~	0
Aluminium Salts	~	~	~	•	Ethylene Glycol	~	~	~	0	Resorcinol	~	×	×	?
			▼ ▼		Formaldehyde 40%	~	0	0		Silicone Oil	~	~	~	~
Ammonia Ammonium Salts	v	✓✓	▼ ✓	✓ ✓	Formic Acid 40%	~				Silver Nitrate	~	~	✓	~
					Formic Acid 85%	~				Sodium Hydroxide 40%	~	~	~	
Amyl Acetate	 ✓ 	0	0	0	Fuel Oil	0	~	~	0	SodiumHypochlorite15%	 ✓ 			
Aniline	~	0	0		Glycerine	~	~	~	0	Sulphuric Acid 2%	~	0	0	0
Aqua Regia		×	×	?	Heptane	0	~	~	?	Sulphuric Acid 20%	~			
Benzaldehyde	~	0	0	0	Hexane		~	~	~	Sulphuric Acid Pure	0			×
Benzene		~	~		Hydrochloric Acid 1%	~	0	0	0	Tartaric Acid	~	~	~	?
Benzoic Acid	~	0	0	?	Hydrochloric Acid 10%	~				Tetrahydrofuran	0	~	~	×
Benzyl Alcohol					Hydrogen Peroxide 30%	~	×	×	~	Thionyl Chloride		×	×	?
Butyl Acetate	~	~	~	0	Isopropyl Alcohol	~	0	0		Toluene	0	~	~	
Butyl Alcohol	~	0	0		Kerosene	0	~	~	0	Trichloroethylene		0	0	
Butyric Acid		~	~	?	Lactic Acid 85%	~	0	0	~	Urea	~	~	~	~
Carbon Disulphide		~	~	0					_	Water	· ·	· ·	~	0
Carbon Tetrachloride	0	0	0		Methyl Alcohol	~	0	0		Xylene	0	~	~	
Chlorine 5% in Water	0	0	0	0	Methyl Ethyl Ketone			~	×			•	•	
Chlorine 5% in Air	0	0	0		Methylene Chloride	0			-					
Chloroacetic Acid	~	×	×		Mineral Oil		 ✓ ✓ 	~						
Chlorobenzene				0	Nitric Acid 10%	~	×	×						
Chloroform					Nitric Acid 70%	0	×	×	×					
Chromic Acid	~				Nitrobenzene		0	0						
Cresol		×	×		Nitromethane		~	~	?					
Cyclohexane	0	~	 ✓ 	?	Octane	~	~	~	0					
Cyclohexanone		~	~	×	Ozone	0								

www.leda.co.nz • Ph +64 4 528 3020 • Fax +64 4 528 5270





Chemical Compatibility Chart

✓ Good to Excellent with little or no swelling, surface effects or loss of physical properties.

٦Г

• Marginal or Conditional. Effects whilst noticeable may not affect properties or serviceability. Testing for specific applications is recommended. Long term effects such as hardening or potential for crazing should be evaluated.

Poor or Unsatisfactory. Not recommended without extensive, realistic testing.

X Not suitable. Soluble or attacked after brief contact.

 ? Test results not available.

Г

NB: These chemical resistances are based on normal ambient temperature (20°C). Elevated temperatures can significantly decrease the chemical resistance from that indicated.

Droduct							Product						Broduct					
Product Chemical	Bevpure	Lab	Formula L60	Ultrachem Formula U80	Chemflex Formula C20	Easyflow Formula E99	Product Chemical	Bevpure Formula B50	Lab Formula L60	Ultrachem Formula U80	Chemflex Formula C20	Easyflow Formula E99	Product Chemical	Bevpure Formula B50	Lab Formula L60	Ultrachem Formula U80	Chemflex Formula C20	Easyflow Formula E99
Acetaldehyde			>	~	~		Diethyl Ether		×	~	0		Perchloethylene		?	~	×	۰
Acetamide			?	?	~		Dioxane		?	~	?	0	Petrol	×	×	~		۰
Acetic Acid 50%			>	~	~	0	Ether		×	~			Phenol liquid		×	~	~	0
Acetic Anhydride			>	~	~		Ethyl Acetate	~	0	~			Phosphoric Acid 10%		~	~	~	~
Acetone	~		>	~	0	×	Ethyl Alcohol	~	0	~		0	Potassium Hydroxide		~	~	~	~
Allyl Alcohol				~	~	~	Ethylene Chloride		×	~	×		50% Propane Gas		×	~	?	0
Aluminium Salts			/	~	~	~	Ethylene Glycol		~	~	~	0	Resorcinol		?	?	×	
Ammonia			/	~	~	~	Formaldehyde 40%		~	~	?	0	Silicone Oil		-	•		<
Ammonium Salts			/	~	~	~	Formic Acid 40%		~	~	~	0	Silver Nitrate		~	~		~
Amyl Acetate		3	¢	~	~		Formic Acid 85%		0	~	~	٦	Sodium Hydroxide			•	•	
Aniline		3	¢	~	~		Fuel Oil		×	~			40%		~	~	~	~
Aqua Regia		3	¢	~	×		Glycerine		~	~	~	0	Sodium Hypochlorite		~	~	~	0
Benzaldehyde			>	~	0		Heptane		×	~			Sulphuric Acid 2%		0	~	~	~
Benzene		3	¢	~	×		Hexane	0	?	~			Sulphuric Acid 20%		0	~	~	~
Benzoic Acid			/	~	~	~	Hydrochloric Acid 1%		~	~	~	0	Sulphuric Acid Pure		×	~	0	۰
Benzyl Alcohol			?	~	0	0	Hydrochloric Acid		~	~	~	~	Tartaric Acid		~	~	~	~
Butyl Acetate	~	3	¢	~	0		10% Hydrogen Peroxide				•		Tetrahydrofuran		×	~	0	×
Butyl Alcohol			/	~	0	0	30%		~	~	~	~	Thionyl Chloride		×	~	0	
Butyric Acid		3	¢	~	~		Isopropyl Alcohol		~	~	0	~	Toluene	×	×	~	×	
Carbon Disulphide		3	¢	~	×		Kerosene		×	~	×		Trichloroethylene		×	~	×	
Carbon Tetrachloride		3	¢	~	×		Lactic Acid 85%		~	~	~	~	Urea		~	~	~	~
Chlorine 5% in Water			>	~	~	0	Methyl Alcohol		~	~	~	0	Water	~	~	~	~	·
Chlorine 5% in Air		3	¢	~	~	~	Methyl Ethyl Ketone	~	0	~	0	×	Xylene		×	~	×	
Chloroacetic Acid			?	~	~		Methylene Chloride		×	~	×		5					-
Chlorobenzene		3	¢	~	×		Mineral Oil		0	~	~							
Chloroform	0	3	¢	~	×		Nitric Acid 10%		0	~	~	~						
Chromic Acid			>	~	~	~	Nitric Acid 70%		×	~	×							
Cresol			K	~	?		Nitrobenzene		×	~	0							
Cyclohexane			>	~	×		Nitromethane		?	~	~							
Cyclohexanone				~	×	×	Octane		?	~	?							
							Ozone		×	~	~	~						

www.leda.co.nz • Ph +64 4 528 3020 • Fax +64 4 528 5270