

				Chemica	al Resistanc	e
	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	Suitable for 72 hours chemical exposure?	20°C	40°C
	Carbonic acid	H₂CO₃	15%	Yes	(68°F) Ex	(104°F) Ex
		(463-79-6)	30%	Yes	Ex	Ex
	Fluorosilicic acid	H ₂ SiF ₆ (16961-83-4)	10%	Yes	Ex	Ex
		(10301 03 4)	40%	Yes	Ex	Ex
	Hydrobromic acid	HBr	20%	Yes	Ex	Ex
	.,,	(10035-10-6)	10%	Yes	Ex	Ex
			37%	Yes	Ex	Ex
	Hydrochloric acid	HCl	20%	Yes	Ex	Ex
s	(647-01-0	(647-01-0)	10%	Yes	Ex	Ex
Inorganic Acids			65%	No	Р	Р
ınic,	Nitric acid	HNO ₃ (7697-37-2)	20%	Yes	Ex*	G
orga		(7697-37-2)	10%	Yes	Ex*	G
Ĕ	Oleum	H ₂ SO ₄ · (SO ₃) _x [8014-95-7]	30%	Yes	М	М
		(552.55.1)	85%	Yes	G*	G*
	Phosphoric acid (orthophosphoric acid)	H ₃ PO ₄ (7664-38-2)	20%	Yes	G*	G*
		(7004 30 2)	10%	Yes	Ex	Ex
		H ₂ SO ₄ (7664-93-9)	100%	No	Р	Р
	Sulfuric acid		98%	Yes	Ex	Ex*
			50%	Yes	Ex	Ex*
			20%	Yes	Ex	Ex*
			10%	Yes	Ex	Ex*
	Acetic acid	CH ₃ COOH (64-19-7)	30%	Yes*	M*	M*
	(ethanoic acid)		20%	Yes*	M*	M*
	·		10%	Yes	M	M
	Acrylic acid	CH ₂ =CHCO ₂ H (79-10-7)	-	Yes*	G*	M*
Acids	Citric acid	C ₆ H ₈ O ₇ (77-92-9)	-	Yes	Ex	Ex
Organic Aci	Cresylic acid (cresol)	C ₇ H ₈ O (1319-77-3)	-	Yes	Ex*	Ex*
ō	Formic acid (methanoic acid)	HCOOH (64-18-6)	10%	No	Р	Р
	Lactic acid	CH₃CH(OH)(COOH)	88%	Yes	M	M
	(2-hydroxypropanoic acid)	(50-21-5/79-33-4/10326-41-7)	5%	Yes	Ex	Ex
	Phenol	C ₆ H ₅ OH (108-95-2)	-	No	Р	Р

Excellent	Ex	No significant deterioration / barrier properties retained for greater than 52 weeks.
	EX	suitable for all applications including long term immersion
Good	G	No significant deterioration / barrier properties retained for 12-52 weeks
Good	ď	Suitable for short-term immersion and general chemical contact
Advidence Ad		No significant deterioration / barrier properties retained for 1-12 weeks
Moderate	М	Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment
Door	Р	Significant deterioration / loss of barrier properties after 1 week or less
Poor		Not suitable for any applications
* Product must be post cured to deliver quoted chemical resistance		Product must be post cured to deliver quoted chemical resistance
Ex Bold text highlights real life data obtained via chemical resistance testing		Bold text highlights real life data obtained via chemical resistance testing
Ex		Normal font indicates that the resistance has been predicted based upon partial test data and /or similar reagents



				Chemica	al Resistanc	е	
	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	Suitable for 72 hours chemical exposure?	Servi 20°C (68°F)	ice at 40°C (104°F)	
	n-Butanol (butyl alcohol)	-	Yes	Ex	Ex		
	2-Ethoxyethanol C ₄ H ₁₀ O ₂ (Cellosolve) (110-80-5)			Yes	Ex	Ex	
	Ethanol (ethyl alcohol)	CH ₃ CH ₂ OH (64-17-5)	-	Yes	Ех	Ex	
	Ethylene glycol (CH ₂ OH) ₂ (ethan-1,2-diol, monoethylene glycol, MEG)			Yes	Ex	Ex	
Alcohols	Glycerol (glycerine, propane-1,2,3-triol)	-	Yes	Ex	Ex		
Ā	1-Hexanol	CH ₃ (CH ₂) ₅ OH (111-27-3)	-	Yes	Ex	Ex	
	Isobutanol	Isobutanol (CH ₃) ₂ CHCH ₂ OH -					
	Methanol (methyl alcohol)	CH ₃ OH (67-56-1)	-	Yes	M	М	
	2-Methoxyethanol	C ₃ H ₈ O ₂ (109-86-4)	-	Yes	Ex	Ex	
	Propylene glycol (1,2-Propanediol)	CH ₃ CH(OH)CH ₂ OH (57-55-6)	-	Yes	Ex	Ex	
	Ammonia	NH ₃	25%	Yes	Ex	Ex	
		(7664-41-7)	10%	Yes	Ex	Ex	
	Potassium hydroxide	кон	40%	Yes	Ex	Ex	
is	(caustic potash)	(1310-58-3)	20%	Yes	Ex	Ex	
Alkalis			10%	Yes	Ex	Ex	
			50%	Yes	Ex	Ex	
	Sodium hydroxide	NaOH	40%	Yes	Ex	Ex	
	(caustic soda)	(1310-73-2)	20%	Yes	Ex	Ex	
			10%	Yes	Ex	Ex	
sa	Diethanolamine (DEA) (2,2'-iminodiethanol)	HN(CH ₂ CH ₂ OH) ₂ (111-42-2)	-	Yes	Ex	Ex	
\mide	Diethylenetriamine (DETA)	Diethylenetriamine (DETA) HN(CH ₂ CH ₂ NH ₂) ₂ (111-40-0)		No	Р	Р	
8 & A	Dimethylformamide (DMF)	(CH ₃) ₂ NC(O)H (68-12-2)	-	No	Р	Р	
Amines & Amides	Diethylene glycolamine (DGA) (2-(2-aminoethoxy) ethanol)	H ₂ NCH ₂ CH ₂ OCH ₂ CH ₂ OH (929-06-6)	-	Yes	Ex*	Ex*	
	N-Methyl diethanolamine (MDEA)	CH ₃ N(CH ₂ CH ₂ OH) ₂ (105-59-9)	-	Yes	Ex	Ex	

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Excellent	L	suitable for all applications including long term immersion
Good	G	No significant deterioration / barrier properties retained for 12-52 weeks
Good	9	Suitable for short-term immersion and general chemical contact
Moderate M		No significant deterioration / barrier properties retained for 1-12 weeks
Moderate	IVI	Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment
Poor	Р	Significant deterioration / loss of barrier properties after 1 week or less
Poor		Not suitable for any applications
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				Chemica	al Resistanc	е
	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	Suitable for 72 hours chemical exposure?	Servi 20°C (68°F)	ice at 40°C (104°F)
	Monoethanolamine (MEA) (2-aminoethanol)	-	Yes	Ex*	Ex*	
ides	Pyridine C ₅ H ₅ N -			Yes	M	M
Amines & Amides continued	Sulphanol solution (50% diisopropanolamine, 25% tetramethylene sulphone, 25% water)	N/A	-	Yes	Ex	Ex
Amir	Triethanolamine (TEA) (2,2',2"-nitrilotriethanol) N(CH ₂ CH ₂ OH) ₃ (102-71-6)			Yes	Ex	Ex
	Triethylenetetramine (TETA)	$[CH_2NHCH_2CH_2NH_2]_2$ (112-24-3)	-	Yes	M	M
	Apple juice	-	-	Yes	Ex	Ex
	Beer	-	-	Yes	Ex	Ex
	Beet sugar	-	-	Yes	Ex	Ex
	Butter	-	-	Yes	Ex	Ex
	Buttermilk	-	-	Yes	Ex	Ex
	Cider		-	Yes	Ex	Ex
	Citrus juices	-	-	Yes	Ex	Ex
ی	Fermentation liquor	-	-	Yes	Ex	Ex
stuf	Glucose	-	-	Yes	Ex	Ex
, poo	Ketchup	-	-	Yes	Ex	Ex
82	Margarine	-	-	Yes	Ex	Ex
Beverages & Foodstuffs	Mayonnaise	=	-	Yes	Ex	Ex
sver	Milk	-	-	Yes	Ex	Ex
B	Molasses	=	-	Yes	Ex	Ex
	Mustard		-	Yes	Ex	Ex
	Salad Oil		-	Yes	Ex	Ex
	Sugar liquids	-	-	Yes	Ex	Ex
	Tomato juice -		-	Yes	Ex	Ex
	Vinegar			Yes	Ex	Ex
	Whisky and Wine	-	-	Yes	Ex	Ex
	Yeast	-	-	Yes	Ex	Ex

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Good	G	Suitable for short-term immersion and general chemical contact
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Moderate	IVI	Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment
Door	,	Significant deterioration / loss of barrier properties after 1 week or less
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				Chemica	al Resistance	e
	Chemical name	Chemical formula	Concentration	Suitable for 72	Servi	ice at
	(Synonym)	(CAS number)		hours chemical exposure?	20°C (68°F)	40°C (104°F)
	Amyl acetate	CH ₃ COO(CH ₂) ₄ CH ₃ (628-63-7)	-	Yes	Ex	Ex
	Butyl acetate	C ₆ H ₁₂ O ₂ (123-86-4)	-	Yes	Ex	Ex
	N-Butyl ether	C ₈ H ₁₈ O (142-96-1)	-	Yes	Ex	Ex
	Dibutyl phthalate	C ₁₆ H ₂₂ O ₄ (84-74-2)	-	Yes	Ex	Ex
	Dibutyl sebacate	C ₁₈ H ₃₄ O ₄ (109-43-3)	-	Yes	Ex	Ex
thers	Diethyl ether	(C ₂ H ₅) ₂ O (60-29-7)	-	Yes	Ex	Ex
Esters & Ethers	Dioctyl adipate	C ₂₂ H ₄₂ O ₄ (123-79-5)	-	Yes	Ex	Ex
Ester	Dioctyl phthalate	C ₆ H ₄ (C ₈ H ₁₇ COO) ₂ (117-81-7)	-	Yes	Ex	Ex
	Dioctyl sebacate	(CH ₂) ₈ (COOC ₈ H ₁₇) ₂ (2432-87-3) CH ₃ COOCH ₂ CH ₃	-	Yes	Ex	Ex
	Ethyl acetate	Yes	Ex	Ex		
	Methyl acetate	CH ₃ COOCH ₃ (79-20-9)	-	Yes	Ex	Ex
	Propylene glycol monomethyl ether acetate	CH ₃ CO ₂ CH(CH ₃)CH ₂ OCH ₃ (108-65-6)	-	Yes	Ex	Ex
	Tributyl phosphate	(CH ₃ CH ₂ CH ₂ CH ₂ O) ₃ PO (126-73-8)	-	Yes	Ex	Ex
	Butane	C ₄ H ₁₀ (106-97-8)	-	Yes	Ex	Ex
	Carbon dioxide	CO ₂ (124-38-9)	-	Yes	Ex	Ex
	Carbon monoxide	CO (630-08-0)	-	Yes	Ex	Ex
	Chlorine gas	Cl ₂ (7782-50-5)	-	Yes	G	G
	Hydrogen gas	H ₂ (1333-74-0)	-	Yes	Ex	Ex
Gases	Hydrogen sulphide	H ₂ S (7783-06-4)	-	Yes	Ex	Ex
٥	Natural Gas (Methane)	CH ₄ (74-82-8)	-	Yes	Ex	Ex
	Nitrous oxide (dinitrogen monoxide)	N ₂ O (10024-97-2)	-	Yes	Ex	Ex
	Ozone (aqueous solution)	O ₃ (10028-15-6)	-	Yes	G	G
	Sulphur dioxide	SO ₂ (7446-09-5)	-	Yes	Ex	Ex
	Sulphur trioxide (sulphuric anhydride)	SO ₃ (7446-11-9)	-	Yes	Ex	Ex

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Good	9	Suitable for short-term immersion and general chemical contact
Moderate M		No significant deterioration / barrier properties retained for 1-12 weeks
Moderate	IVI	Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment
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				Chemica	al Resistanc	е
	Chemical name	Chemical formula	Concentration	Suitable for 72	Serv	ice at
	(Synonym)	(CAS number)		hours chemical exposure?	20°C (68°F)	40°C (104°F)
ons	Chlorobenzene	C ₆ H ₅ Cl (108-90-7)	-	Yes	Ex	Ex
Halocarbons	Chloroform	CHCl ₃ (67-66-3)	-	Yes*	Р	Р
Haloc	Methylene chloride (dichloromethane)	CH ₂ Cl ₂ (75-09-2)	-	Yes*	Р	Р
	Aviation fuel (AVCAT, AVGAS, AVTAG, AVTUR)	N/A	-	Yes	Ex	Ex
	Benzene (benzol)	C ₆ H ₆ (71-43-2)	-	Yes	Ex	Ex
	Cyclohexane	C ₆ H ₁₂ (110-82-7)	-	Yes	Ex	Ex
	Gasoline (petrol)	N/A (8032-32-4)	-	Yes	Ex	Ex
	Heptane	CH ₃ CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₃ (142-82-7)	-	Yes	Ex	Ex
	Hexane CH ₃ CH ₂ CH ₂ CH ₂ CH ₃ - (110-54-3)			Yes	Ex	Ex
	Iso-octane (CH ₃) ₃ CCH ₂ CH(CH ₃) ₂		-	Yes	Ex	Ex
bons	Kerosene	N/A (8008-20-6)	-	Yes	Ex	Ex
Hydrocarbons	Mesitylene (1,3,5-trimethylbenzene)	C ₆ H ₃ (CH ₃) ₃ (108-67-8)	-	Yes	Ex	Ex
Нуо	Naphtha	N/A (8030-30-6)	-	Yes	Ex	Ex
	Naphthalene	Naphthalene C ₁₀ H ₈ -		Yes	Ex	Ex
	Paraffin	N/A (8002-74-2)	-	Yes	Ex	Ex
	Styrene	C ₆ H ₅ CH=CH ₂ (100-42-5)	-	Yes	Ex	Ex
	Toluene (methylbenzene, phenylmethane, toluol)	C ₆ H ₅ CH ₃ (108-88-3)	-	Yes	Ех	Ex
	Turpentine	N/A (8006-64-2)	-	Yes	Ex	Ex
	White Spirit (Stoddard solvent, Mineral spirits)	N/A (8052-41-3)	-	Yes	Ex	Ex
	Xylene (dimethyl benzene, xylol)	C ₆ H ₄ (CH ₃) ₂ (95-47-6/108-38-3/106-42-3/1330-20-7)	-	Yes	Ex	Ex
es	Acetone	(CH ₃) ₂ CO (67-64-1)	-	Yes	Ex	Ex*
lehyd	Formaldehyde	110110		No	Р	Р
& Alc	Propionaldehyde	CH ₃ CH ₂ CHO (123-38-6)	-	No	Р	Р
Ketones & Aldehydes	Methyl amyl ketone (2-Heptanone)	C ₇ H ₁₄ O (110-43-0)	-	Yes	Ex	Ex
Ket	Methyl ethyl ketone (MEK, butanone)	CH ₃ C(O)CH ₂ CH ₃ (78-93-3)	-	Yes	Ex	Ex*

Eveellent	Ex	No significant deterioration / barrier properties retained for greater than 52 weeks.
Excellent	EX	suitable for all applications including long term immersion
Good	G	No significant deterioration / barrier properties retained for 12-52 weeks
dood	9	Suitable for short-term immersion and general chemical contact
D.O. adamata		No significant deterioration / barrier properties retained for 1-12 weeks
Moderate	М	Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment
Door	P	Significant deterioration / loss of barrier properties after 1 week or less
Poor		Not suitable for any applications
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				Chemica	al Resistance	е
	Chemical name	Chemical formula	Concentration	Suitable for 72		ice at
	(Synonym)	(CAS number)		hours chemical exposure?	20°C (68°F)	40°C (104°F)
	Brake fluid	-	-	Yes	Ex	Ex
	Bromine water (saturated)	-	-	Yes	G	G
	Emulsion paint	-	-	Yes	Ex	Ex
	Fertilizer solutions	-	-	Yes	Ex	Ex
	Grease	-	-	Yes	Ex	Ex
	Ink (water based)	-	-	Yes	Ex	Ex
	Isothiazolinone	C ₃ H ₃ NOS (1003-07-2)	-	Yes	Ex	Ex
	N-Methylpyrrolidone (NMP)	C ₅ H ₉ NO (872-50-4)	-	Yes	M	M
sno	Resins & rosins (natural)	-	-	Yes	Ex	Ex
Miscellaneous	Roof pitch	-	-	Yes	Ex	Ex
Cells	Rubber latex emulsions	-	-	Yes	Ex	Ex
Σis	Sewage	-	-	Yes	Ex	Ex
	Sodium hypochlorite NaOCl (bleach) (7681-52-9)		Yes	G	G	
	Starch	(C ₆ H ₁₀ O ₅) _n (9005-25-8)	-	Yes	Ex	Ex
	Tar -		-	Yes	Ex	Ex
	Tetraethyl lead	(CH ₃ CH ₂) ₄ Pb (78-00-2)	-	Yes	Ex	Ex
	Tetrahydrofuran	(CH ₂) ₄ O (109-99-9)	-	Yes	G	G
	Urea	CO(NH ₂) ₂ (57-13-6)	32%	Yes	Ex	Ex
	Water (deionised, distilled, fresh & sea)	H ₂ O (7732-18-5)	-	Yes	Ex	Ex
	Castor oil	-	-	Yes	Ex	Ex
	Coconut oil	-	-	Yes	Ex	Ex
	Cod liver oil	-	-	Yes	Ex	Ex
_	Corn oil	-	-	Yes	Ex	Ex
lineral	Diesel oil	-	-	Yes	Ex	Ex
Ξ̈	Hydraulic oil	-	-	Yes	Ex	Ex
Oils - Mi	Lubricating oil	-	-	Yes	Ex	Ex
	Oil, petroleum	-	-	Yes	Ex	Ex
	Oil/water mixtures	-	-	Yes	Ex	Ex
	Silicone oil	-	-	Yes	Ex	Ex
	Soybean oil	-	-	Yes	Ex	Ex

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	EX	suitable for all applications including long term immersion
Good	G	No significant deterioration / barrier properties retained for 12-52 weeks
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Moderate	М	Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment
Door	Р	Significant deterioration / loss of barrier properties after 1 week or less
Poor		Not suitable for any applications
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				Chemica	al Resistance	e
	Chemical name	Chemical formula	Concentration	Suitable for 72		ice at
	(Synonym)	(CAS number)		hours chemical exposure?	20°C (68°F)	40°C (104°F)
	Aluminium chloride	AICI ₃ (7446-70-0)	-	Yes	Ex	Ex
	Aluminium sulphate	Al ₂ (SO ₄) ₃ (10043-01-3)	-	Yes	Ex	Ex
	Ammonium bicarbonate	(NH ₄)HCO ₃ (1066-33-7)	-	Yes	Ex	Ex
	Ammonium fluorosilicate	(NH ₄) ₂ SiF ₆ (16919-19-0)	-	Yes	Ex	Ex
	Ammonium nitrate	NH ₄ NO ₃ (6484-52-2)	-	Yes	Ex	Ex
	Ammonium phosphate	(NH ₄) ₃ PO ₄ (10361-65-6)	-	Yes	Ex	Ex
	Ammonium sulfate	(NH ₄) ₂ SO ₄ (7783-20-2)	-	Yes	Ex	Ex
	Barium carbonate	BaCO ₃ (513-77-9)	-	Yes	Ex	Ex
	Barium chloride	BaCl ₂ (10361-37-2)	-	Yes	Ex	Ex
s)	Barium sulfate	BaSO ₄ (7727-43-7)	-	Yes	Ex	Ex
ation	Barium sulphide	BaS (21109-95-5)	-	Yes	Ex	Ex
centr	Bromine chloride	BrCl (13863-41-7)	-	Yes	Ex	Ex
Con	Calcium carbonate	CaCO ₃ (471-34-1)	-	Yes	Ex	Ex
Salt Solutions (All Concentrations)	Calcium chloride	CaCl ₂ (10043-52-4)	-	Yes	Ex	Ex
	Calcium fluoride	CaF ₂ (7789-75-5)	-	Yes	Ex	Ex
ılt Sol	Calcium hypochlorite	Ca(CIO) ₂ (7778-54-3)	-	Yes	Ex	Ex
Sa	Calcium sulphate	CaSO ₄ (7778-18-9)	-	Yes	Ex	Ex
	Chromium potassium sulphate (Chrome alum)	KCr(SO ₄) ₂ (10141-00-1)	-	Yes	Ex	Ex
	Copper acetate	Cu(CH ₃ COO) ₂	-	Yes	Ex	Ex
	Copper chloride	CuCl ₂ (7447-39-4)	-	Yes	Ex	Ex
	Copper nitrate	Cu(NO ₃) ₂ (3251-23-8)	-	Yes	Ex	Ex
	Copper sulphate	CuSO ₄ (7758-98-7)	-	Yes	Ex	Ex
	Ferric chloride	FeCl ₃ (7705-08-0)	-	Yes	Ex	Ex
	Ferric nitrate	Fe(NO ₃) ₃ (10421-48-4)	-	Yes	Ex	Ex
	Ferric sulfate	Fe ₂ (SO ₄) ₃ (10028-22-5)	-	Yes	Ex	Ex
	Ferrous chloride	FeCl ₂ (7758-94-3)	-	Yes	Ex	Ex

Excellent	Ex	No significant deterioration / barrier properties retained for greater than 52 weeks.		
		suitable for all applications including long term immersion		
Cood	G	No significant deterioration / barrier properties retained for 12-52 weeks		
Good		Suitable for short-term immersion and general chemical contact		
Moderate	М	No significant deterioration / barrier properties retained for 1-12 weeks		
Woderate		Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment		
Poor	Р	Significant deterioration / loss of barrier properties after 1 week or less		
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				Chemica	al Resistance	9
	Chemical name	Chemical formula	Concentration	Suitable for 72		ce at
	(Synonym)	(CAS number)		hours chemical exposure?	20°C (68°F)	40°C (104°F)
	Ferrous sulfate	FeSO ₄ (7720-78-7)	-	Yes	Ex	Ex
	Magnesium bisulfate	Mg(HSO ₄) ₂ (10028-26-9)	-	Yes	Ex	Ex
	Magnesium carbonate	MgCO ₃ (546-93-0)	-	Yes	Ex	Ex
	Magnesium chloride	MgCl ₂ (7786-30-3)	-	Yes	Ex	Ex
	Magnesium sulphate (Epsom salt)	MgSO ₄ (7487-88-9)	-	Yes	Ex	Ex
	Mercuric chloride	HgCl ₂ (7487-94-7)	-	Yes	Ex	Ex
	Mercuric cyanide	Hg(CN) ₂ (592-04-1)	-	Yes	Ex	Ex
	Nickel ammonium sulfate	(NH ₄) ₂ Ni(SO ₄) ₂ (7785-20-8)	-	Yes	Ex	Ex
_	Nickel chloride	NiCl ₂ (7718-54-9)	-	Yes	Ex	Ex
nued	Nickel nitrate	Ni(NO ₃) ₂ (13138-45-9)	-	Yes	Ex	Ex
conti	Nickel sulphate	NiSO ₄ (7786-81-4)	-	Yes	Ex	Ex
ions)	Potassium bisulfite	KHSO ₃ (7773-03-7)	-	Yes	Ex	Ex
ntrati	Potassium bromide	KBr (7758-02-3)	-	Yes	Ex	Ex
Salt Solutions (All Concentrations) continued	Potassium carbonate	K ₂ CO ₃ (584-08-7)	-	Yes	Ex	Ex
	Potassium chlorate	KCIO ₃ (3811-04-9)	-	Yes	Ex	Ex
ions	Potassium chloride	KCI (7447-40-7)	-	Yes	Ex	Ex
Solut	Potassium cyanide	KCN (151-50-8)	-	Yes	Ex	Ex
Salt	Potassium dichromate	K ₂ Cr ₂ O ₇ (7778-50-9)	-	Yes	Ex	Ex
	Potassium diphosphate	K ₂ HPO ₄ (7758-11-4)	-	Yes	Ex	Ex
	Potassium ferricyanide	K ₃ [Fe(CN) ₆] (13746-66-2)	-	Yes	Ex	Ex
	Potassium ferrocyanide	K ₄ [Fe(CN) ₆] (13943-58-3)	-	Yes	Ex	Ex
	Potassium iodide	KI (7681-11-0)	-	Yes	Ex	Ex
	Potassium nitrate	KNO ₃ (7757-79-1)	-	Yes	Ex	Ex
	Potassium permanganate	KMnO ₄ (7722-64-7)	-	Yes	Ex	Ex
	Potassium sulfate	K ₂ SO ₄ (7778-80-5)	-	Yes	Ex	Ex
	Potassium sulfide	K ₂ S (1059-82-5)	-	Yes	Ex	Ex
	Potassium sulphite	K ₂ SO ₃ (10117-38-1)	-	Yes	Ex	Ex

		[
Excellent	Ex	No significant deterioration / barrier properties retained for greater than 52 weeks.		
Executivity	LA	suitable for all applications including long term immersion		
Cood	G	No significant deterioration / barrier properties retained for 12-52 weeks		
Good		Suitable for short-term immersion and general chemical contact		
Dan dan da	М	No significant deterioration / barrier properties retained for 1-12 weeks		
Moderate		Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment		
	Р	Significant deterioration / loss of barrier properties after 1 week or less		
Poor		Not suitable for any applications		
*		Product must be post cured to deliver quoted chemical resistance		
Ex		Bold text highlights real life data obtained via chemical resistance testing		
Ex		Normal font indicates that the resistance has been predicted based upon partial test data and /or similar reagents		

CHEMICAL RESISTANCE OF BELZONA® 4311





	Silver nitrate	AgNO ₃ (7761-88-8)	-	Yes	Ex	Ex
	Sodium acetate	CH ₃ COONa (127-09-3)	-	Yes	Ex	Ex
	Sodium aluminate	NaAlO ₂ (1302-42-7)	-	Yes	Ex	Ex
	Sodium bicarbonate	NaHCO ₃ (144-55-8)	-	Yes	Ex	Ex
	Sodium bisulfate	NaHSO ₄ (7681-38-1)	-	Yes	Ex	Ex
	Sodium bisulfite	NaHSO ₃ (7631-90-5)	-	Yes	Ex	Ex
	Sodium borate (borax)	Na ₂ B ₄ O ₇ (1303-96-4)	-	Yes	Ex	Ex
	Sodium bromide	NaBr (7647-15-6)	-	Yes	Ex	Ex
nued	Sodium carbonate (soda ash)	Na ₂ CO ₃ (497-19-8)	-	Yes	Ex	Ex
conti	Sodium chlorate	NaClO ₃ (7775-09-9)	-	Yes	Ex	Ex
ons)	Sodium chloride	NaCl (7647-14-5)	-	Yes	Ex	Ex
ıtrati	Sodium chromate	Na ₂ CrO ₄ (7775-11-3)	-	Yes	Ex	Ex
oncer	Sodium cyanide	NaCN (143-33-9)	-	Yes	Ex	Ex
All C	Sodium fluoride	NaF (7681-49-4)	-	Yes	Ex	Ex
Salt Solutions (All Concentrations) continued	Sodium fluorosilicate	Na ₂ SiF ₆ (16893-85-9)	-	Yes	Ex	Ex
Soluti	Sodium metaphosphate	(NaPO ₃) ₆ (10124-56-8)	-	Yes	Ex	Ex
Salt	Sodium metasilicate (sodium silicate)	Na ₂ SiO ₃ (6834-92-0)	-	Yes	Ex	Ex
	Sodium nitrate	NaNO ₃ (7631-99-4)	-	Yes	Ex	Ex
	Sodium phosphate (dibasic)	Na ₂ HPO ₄ (7558-79-4)	-	Yes	Ex	Ex
	Sodium phosphate (tribasic)	Na ₃ PO ₄ (7601-54-9)	-	Yes	Ex	Ex
	Sodium sulfate	Na ₂ SO ₄ (7757-82-6)	-	Yes	Ex	Ex
	Sodium sulfide	Na ₂ S (1313-82-2)	-	Yes	Ex	Ex
	Stannous chloride (tin chloride)	SnCl ₂ (7772-99-8)	-	Yes	Ex	Ex
	Zinc chloride	ZnCl ₂ (7646-85-7)	-	Yes	Ex	Ex
	Zinc sulfate	ZnSO ₄ (7733-02-0)	-	Yes	Ex	Ex

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LACEHETIC		suitable for all applications including long term immersion
Cood	G	No significant deterioration / barrier properties retained for 12-52 weeks
Good		Suitable for short-term immersion and general chemical contact
Moderate	М	No significant deterioration / barrier properties retained for 1-12 weeks
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