耐化學材質表

Chemical Resistance Guide

PVC · CPVC · PP · PVDF · PTFE · FKM · EPDM

●	不侵蝕（使用良好）	Excellent
◐	大致不侵蝕（可使用）	Good
○	視情形使用	Fair · conditional
✕	侵蝕（不可使用）	Not recommended
◌	空白：無資料，請洽業務	No data

協羽機材工業股份有限公司 831 高雄市大寮區莒光二街 1 號 TEL 07-788-8678 sales@sh-khh.com

使用說明 HOW TO READ

1
找化學品
依英文字母排列；查中文請用書末中文索引。

2
對濃度
同一化學品依濃度（%）分列。

3
對溫度
每種材質分 20／40／60／80／100°C 五格。

4
看評等
●◐ 可用；○ 需依實際條件評估；✕ 不可用。

評等說明 RATING

- ● **不侵蝕（使用良好）** Excellent
- ◐ **大致不侵蝕（可使用）** Good
- ○ **視情形使用** Fair · conditional
- ✕ **侵蝕（不可使用）** Not recommended
- **空白：無資料，請洽業務** No data

注意事項 NOTES

- 本表為材質在各化學品中的耐蝕參考，實際使用請依濃度、溫度、壓力及混合條件試驗確認。
- 使用溫度不可超過材質工作溫度上限（右表）；表中淡色格即超過上限，僅供參考。
- 兩種以上化學品混合時，請查「混合」章節或洽業務評估。

材質與工作溫度 MATERIALS

代號	材質	°C	°F
UPVC	Unplasticized Polyvinyl Chloride 硬質聚氯乙烯	0 ~ +60	+32 ~ +140
CPVC	Chlorinated Polyvinyl Chloride 氯化聚氯乙烯	0 ~ +90	+32 ~ +194
PP	Polypropylene 聚丙烯	−20 ~ +90	−4 ~ +194
PPG	Glass-fiber Reinforced Polypropylene 玻纖強化聚丙烯	−20 ~ +100	−4 ~ +212
PVDF	Polyvinylidene Fluoride 聚偏二氟乙烯	−40 ~ +120	−40 ~ +248
PTFE	Polytetrafluoroethylene (Teflon®) 聚四氟乙烯（鐵氟龍）	≤ 260	≤ 500
FKM	Fluoroelastomer (Viton®) 氟橡膠	≤ 180	≤ 356
EPDM	Ethylene Propylene Diene Rubber 乙丙橡膠	≤ 90 ~ 100	≤ 194 ~ 212
NBR	Nitrile Rubber 丁腈橡膠	≤ 60	≤ 140
CR	Chloroprene Rubber (Neoprene®) 氯丁橡膠	≤ 80	≤ 176
IIR	Butyl Rubber 丁基橡膠	≤ 90 ~ 100	≤ 194 ~ 212
CSM	Chlorosulfonated Polyethylene (Hypalon®) 氯磺化聚乙烯	≤ 90	≤ 194

PPG、NBR、CR、IIR、CSM 本表未列評等，請洽業務。

常用化學品快速查 QUICK FIND

鹽酸 Hydrochloric Acid	25%、35%、38%	p.09
硫酸 Sulfuric Acid	10–100%（13 種）	p.16
硝酸 Nitric Acid	10–98%（5 種）	p.12
磷酸 Phosphoric Acid	10%、50%、80%	p.13
氫氟酸 Hydrofluoric Acid	稀釋、30%、40%、50%	p.09
氫氧化鈉（液鹼） Sodium Hydroxide	15%、30%、50%、70%	p.15
次氯酸鈉（漂白水） Sodium Hypochlorite	13%	p.15
過氧化氫（雙氧水） Hydrogen Peroxide	5%、50%、90%	p.09
氯化鐵 Ferric Chloride	飽和	p.08
硫酸亞鐵 Ferrous Sulfate	未標	p.08
醋酸 Acetic Acid	10%、20%、50%、80%、冰醋酸	p.02
鉻酸 Chromic Acid	10%、20%、40%、50%	p.05
氫氧化鉀 Potassium Hydroxide	25%	p.14
氨水 Ammonia Water	10%	p.02
氯氣 Chlorine Gas	濕、乾	p.05
氯水 Chlorine Water	400 ppm	p.05
次氯酸鈣 Calcium Hypochlorite	飽和	p.04
臭氧 Ozone	未標	p.12
過錳酸鉀 Potassium Permanganate	10%、25%	p.14
檸檬酸 Citric Acid	10%	p.05
甲醇 Methyl Alcohol	純	p.11
乙醇（酒精） Ethyl Alcohol	純	p.07
異丙醇（IPA） Isopropyl Alcohol	純	p.09
丙酮 Acetone	微量、未標	p.02
甲苯 Toluene	未標	p.17
海水 Water (Sea Water)	未標	p.17

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
A								
Acetaldehyde 乙醛、醋醛		✕	✕	● ● ◐	✕	● ● ● ● ●	○ ○ ✕	● ● ◐
Acetaldehyde Aqueous 含水的乙醛、醋醛	40 %	✕	✕	● ● ● ◐	✕	● ● ● ● ●	◐ ◐ ○ ✕	● ● ● ◐ ○
Acetic Acid 乙酸（醋酸）	10 %	● ● ●	● ● ● ●	● ● ● ◐	● ● ● ◐ ◐	● ● ● ● ●	◐ ◐ ◐ ✕	◐ ✕
Acetic Acid 乙酸	20 %	● ● ◐	● ● ● ◐ ○	● ● ◐ ○	● ● ● ◐ ◐	● ● ● ● ●	◐ ◐ ◐ ○ ✕	○ ✕
Acetic Acid 乙酸	50 %	● ◐ ○	● ◐ ○ ✕	● ◐ ○	● ● ● ◐ ◐	● ● ● ● ●	◐ ◐ ◐ ○ ✕	✕
Acetic Acid 乙酸	80 %	● ◐ ○	◐ ○ ✕	◐ ○ ✕	● ◐ ○ ✕	● ● ● ● ●	◐	✕
Acetic Acid (Glacial) 冰醋酸（冰乙酸）		✕	✕	● ◐ ○ ✕	● ◐ ◐ ◐ ○	● ● ● ● ●	◐	✕
Acetic Anhydride 乙酐（醋酐）	純	✕	✕	◐ ○ ✕	◐ ○ ✕	● ● ● ● ●	✕	○ ✕
Acetone 丙酮（醋酮）		✕	✕	● ● ○	✕	● ● ● ● ●	✕ ✕ ✕	◐ ◐
Acetone Aqueous （含水的）丙酮	微量	● ● ◐	● ● ◐	● ● ● ●	● ● ● ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ◐
Acetonitrile 乙腈（氰甲烷）				◐	● ● ○ ✕	● ● ●		●
Acetophenone 苯乙酮（乙醯苯）				● ◐ ○ ✕	● ○ ✕	● ● ● ● ●	○ ✕ ✕ ✕	● ● ● ◐
Acetylacetone 乙醯丙酮		✕	✕		✕			
Acetyl Bromide 乙醯溴					● ● ● ◐ ◐	● ● ● ● ●		
Acetyl Chloride 乙醯氯				● ● ◐ ○	● ◐ ○ ✕	● ● ● ● ●	✕	✕
Acetylene 乙炔（電石氣）		✕	✕	● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	○ ○ ✕
Acrylic Acid Ethyl Ester 丙烯酸乙酯		✕			● ◐ ○ ✕	● ● ● ◐		
Acrylonitrile 丙烯腈				◐ ○	● ◐ ○	● ● ● ● ●	✕	● ● ◐
Adipic Acid Aqueous 己二酸（水溶液）	飽和	● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ◐ ◐
Allyl Alcohol 烯丙醇		✕	✕	● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐	
Allyl Chloride 3-氯丙烯		✕			● ○ ✕	● ● ● ● ●	◐ ◐ ○	✕ ✕ ✕ ✕ ✕
Alum (Potassium Alum) 明礬、鉀礬	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ◐
Aluminum Acetate 乙酸鋁（醋酸鋁）	飽和	● ◐	● ◐	● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ●
Aluminum Ammonium Sulfate (Alum) 硫酸鋁銨	飽和			● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Aluminum Bromide 溴化鋁	飽和				● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ●
Aluminum Chloride 氯化鋁	飽和	● ● ◐	● ● ◐ ◐	● ● ● ●	● ● ◐ ○ ✕	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Aluminum Fluoride 氟化鋁	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Aluminum Hydroxide 氫氧化鋁	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ◐ ◐
Aluminum Nitrate 硝酸鋁	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Aluminum Sulfate 硫酸鋁	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Amber Acid (Succinic Acid) 丁二酸	飽和	● ● ●	● ● ●	● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Ammonia Gas 氨氣	100 %	● ● ●	● ● ◐	● ● ◐ ◐	● ● ● ● ◐	● ● ● ● ●	✕	● ● ● ◐
Ammonia Liquid 液態氨	100 %	○ ✕ ✕		● ◐	● ● ● ● ●	● ● ● ● ●	○	● ◐
Ammonia Water 氨水	10 %	● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	◐ ○ ✕	● ● ● ● ●
Ammonium Acetate 乙酸銨（醋酸銨）	飽和	● ● ●	● ● ● ◐	● ● ● ◐		● ● ● ● ●	● ● ● ◐ ◐	● ● ● ◐ ◐
Ammonium Bifluoride 氟化氫銨	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ◐	● ● ● ◐ ◐
Ammonium Carbonate 碳酸銨	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯					CPVC 氯化聚氯乙烯					PP 聚丙烯					PVDF 聚偏二氟乙烯					PTFE 鐵氟龍					FKM 氟橡膠					EPDM 乙丙橡膠				
		20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Ammonium Chloride 氯化銨	飽和	●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Ammonium Fluoride 氟化銨	20 %	●	◐	✕								●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Ammonium Hydroxide 氫氧化銨		●	●	●			●	●	●			●	●	●	●		●	●	●	●	●	●	●	●	●	●	◐	◐	○			●	●	●		
Ammonium Metaphosphate 偏磷酸銨		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Ammonium Nitrate 硝酸銨		◐	◐	◐			◐	◐	◐			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Ammonium Phosphate 磷酸銨		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Ammonium Sulfate 硫酸銨	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Ammonium Sulfide 硫化銨	飽和	●					●					●	●	●	●	●	●	●	●	●	●															
Amyl Acetate 乙酸戊酯	純	✕					✕					✕					●	◐	○			●	●	◐			✕					◐	○			
Amyl Alcohol 戊醇	純	●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	◐	◐		●	●	●	●	
Amyl Borate 硼酸戊酯	純																●	●	●	●	●	●	●	●	●	●	●					◐				
Amyl Chloride 戊基氯	純	✕										✕					●	●	●	◐	◐	●	●	●	●	●	◐					✕				
Aniline 苯胺（氨基苯）	純	○	✕				○	✕				◐	◐	○	✕		●	◐	◐	○	✕	●	●	●	●	●	◐	◐	◐			◐	○	✕		
Aniline Hydrochloride 氫氯化苯胺	純	◐	◐	○													●	●	◐	✕		●	●	●	●		●	●	●								
Animal Oil (Lard) 動物油（豬油）		●					●					●					●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Antimony Trichloride 氯化銻	飽和	●	●	◐								●	●	◐	◐		●	◐	○	○	✕	●	●	◐	◐	◐	●	●	●	◐		◐				
Aqua Regia 王水		○	○				○	○				○	○	✕			●	●	●	●	◐	●	●	●	●	●	○					✕	✕	✕		
Arsenic Acid 砷酸	飽和	●	◐	○			●	◐	◐	○		●	●	◐	○		●	●	●	●	◐	●	●	●	●	●	●	●	●	◐	◐	●	●	◐	◐	
Asphalt 瀝青		✕					✕					●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●		✕				
B																																				
Barium Carbonate 碳酸鋇	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Barium Chloride 氯化鋇	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Barium Hydroxide 氫氧化鋇	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Barium Nitrate 硝酸鋇	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Barium Sulfate 硫酸鋇	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Barium Sulfide 硫化鋇	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Beer 啤酒		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	
Beet Sugar Liquors 甜菜糖液		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	
Benzaldehyde 苯甲醛	10 %	●	●	●								●	●	◐			●	●	◐			●	●	●	●	●	○					○				
Benzaldehyde 苯甲醛	10 以上	●										●	◐				●	◐				●	●				○					○				
Benzene 苯	純	○	✕				○	✕				◐	○				●	◐	◐	○	✕	●	●	●	●	●	◐	◐	◐	◐		✕				
Benzene Sulfonic Acid 苯磺酸	10 %	✕					✕					✕					◐	◐	○	✕		●	●	●	●	●	●	●	●							
Benzine 石油精（低汽油）	純	✕					✕					●	◐	○			●	●	◐			●	●	●	●	●	●	●	◐	◐		✕				
Benzoic Acid 苯甲酸	純	●	●	◐			●	●	◐	○	○	●	◐	○	✕		●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	●	●	●	◐	
Benzyl Alcohol 苯甲醇	純											●	●	●			●	●	●	●	◐	●	●	●	●	●	●	●	●	◐	◐	◐	◐	○		
Benzyl Benzoate 苯甲酸苄酯	飽和																														◐				
Benzyl Chloride 氯化苄（α-氯甲苯）	純											●					●	●	●	●	●															
Black Liquor 黑液	飽和	●	●	◐			●	●	●			●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯					CPVC 氯化聚氯乙烯					PP 聚丙烯					PVDF 聚偏二氟乙烯					PTFE 鐵氟龍					FKM 氟橡膠					EPDM 乙丙橡膠				
		20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Bleaching Agent 漂白劑	5 %	●	●	●			●	●	●								●	●	●	●	●	●	●	●			●	●				●	●			
Bleaching Agent 漂白劑	12 %	●	●	●			●	●									●	●	●	●	●	●	●	●			●					◐				
Borax 硼砂	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Boric Acid 硼酸	飽和	●	●	●			●	●	●	◐		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	●	●	●	◐	
Borofluoric Acid 氟硼酸		●	●	◐			●	●	●	●		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	◐	
Brine 鹽水 ＊120°C：PVDF ●、PTFE ●		●	●	●	●		●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	◐		●	●	◐	
Bromic Acid 溴酸	純											✕					●	●	●	●	●	●	●	●	●											
Bromine Vapor 溴蒸汽	25 %	◐	○									✕					●	●	●	◐	◐	●	●	●			●	●	●			✕				
Bromine Water 溴水	飽和	◐	○				○					○	✕				●	●	●	◐	◐	●	●	●			●	●				✕				
Butadiene 丁二烯	氣體	●	●	●			●	●									●	●	●	●	●	●	●	●	●	●	●	●				✕				
Butane 丁烷	氣體	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			✕				
Butyl Acetate 乙酸丁酯	純	○	✕				○					○	✕				●	◐	✕			●	●	●	◐		✕					◐	○	✕		
Butyl Acrylate 丙烯酸丁酯	純	✕					✕					✕					●	◐	○	✕		●	●	●			✕					●	●			
Butyl Acrylate 丙烯酸丁酯	飽和																										✕					●				
Butyl Alcohol 丁醇	純	●	●	◐			●	●	●	◐		●	●	●	●		●	●	●	●	●	●	●	●	●	●	◐	◐	○			●	●	●	●	
Butyl Amine 丁胺	飽和	✕					✕					✕					◐	✕									●					✕				
Butyl Bromide 丁基溴	純																●	●	●	●	●	●	●	●	●	●										
Butyl Carbitol 二乙二醇單丁醚（丁基卡必醇）																																●				
Butyl Cellosolve 2-丁氧基乙醇（乙二醇單丁醚）	純																●	●	◐	○	✕	●	●	●	●		✕									
Butyl Chloride 氯丁烷																	●	●	●	●	●	●	●	●	●	●										
Butyl Diol 丁二醇		◐	○														●	●	●	●	●	●	●	●	●	●	●	●				●	●	●		
Butyl Ether 二丁醚		✕					✕					✕					●	●	○	✕		●	●	●			✕					✕				
Butyl Mercaptan 丁硫醇	純																●	●	●	●	●	●	●	●												
Butyl Phenol 丁基苯酚																	●	●	●	●	●	●	●	●	●	●										
Butyl Phthalate 鄰苯二甲酸二丁酯												●	●	●			●	◐	○	✕		●	●				◐	◐	✕			◐				
Butyl Stearate 硬脂酸丁酯	純																●	●	●	●	●	●	●	●	●	●	●	●	●			○				
Butylene 丁烯																	●	●	●	●	●	●	●	●	●	●	●	●	●	◐						
Butyric Acid 丁酸	純	✕					✕					●	●	●	●		●	●	●	●	●	●	●	●	●	●	◐	○	✕			◐				
C																																				
Caffeine Citrate 檸檬酸咖啡因																	●	●	●	●	●	●	●	●	●	●										
Calcium Acetate 乙酸鈣、醋酸鈣	飽和	●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
Calcium Bisulfide 氫硫化鈣	飽和	●	●	●			●	●				●	●	●	●	◍	●	●	●	●	●	●	●	●	●	●	●	●	●	◐						
Calcium Bisulfite 亞硫酸氫鈣	飽和	●	●				●	●	●			●	●	●	●	◍	●	●	●	●	●	●	●	●	●	●	●	●	●	●		◐	◐			
Calcium Carbonate 碳酸鈣	飽和	●	●	●			●	●	●	●	◐	●	●	●	●	◍	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Calcium Chlorate 氯酸鈣	飽和	●	●	●			●	●	●	●		●	●	●	●	◐	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Calcium Chloride 氯化鈣	飽和	●	●	●			●	●	●	●	◐	●	●	●	●	◐	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Calcium Hydroxide 氫氧化鈣	飽和	●	●	●			●	●	●	◐		●	●	●	●	◐	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Calcium Hypochlorite 次氯酸鈣	飽和	●	●	◐			●	●	◐			●	●	◐	○		●	●	●	●	◐	●	●	●	●	●	●	●	●			◐				

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯					CPVC 氯化聚氯乙烯					PP 聚丙烯					PVDF 聚偏二氟乙烯					PTFE 鐵氟龍					FKM 氟橡膠					EPDM 乙丙橡膠				
		20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Calcium Nitrate 硝酸鈣	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Calcium Sulfate 硫酸鈣	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Calcium Sulfide 硫化鈣	飽和																●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	
Cane Sugar Liquors 蔗糖液		●	●	●			●	●	●			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Caprylic Acid 辛酸	純																●	●	●	●	●	●	●	●	●	●									
Carbitol 二乙二醇單乙醚（卡必醇）	純	●	◐																			●	●	●	●	●	●	◐	○			●				
Carbon Dioxide 二氧化碳	濕	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Carbon Dioxide 二氧化碳	乾	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Carbon Disulfide 二硫化碳	純	○	○	✕			○	○	✕			✕					●					●	●	●	●	●	●	◐	○	✕		✕				
Carbon Monoxide 一氧化碳	氣體	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Carbon Tetrachloride 四氯化碳	純	○	✕				○	✕				✕					●	●	●			●	●	●	●	●	◐					✕				
Carbonic Acid 碳酸	飽和	●	●	●			●	●	●	◐	◐	●	●	●	◐	◐	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	●	●	●	●	
Casein 酪素																	●	●	●	●	●	●	●	●	●	●						●	●	●	●	
Castor Oil 蓖麻油	純	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	
Caustic Potash 苛性鉀	25 %	●	●	●			●	●	●	◐		●	●	●	●	◐	●	●	◐	○	✕	●	●	●	●	●	✕					●	●	●	●	◐
Cellosolve 2-乙氧基乙醇（乙二醇單乙醚）												●	●				●	●	◐	○	✕	●	●	●	●	●	○	✕				◐				
Chloramine 氯胺																	✕																			
Chloric Acid 氯酸	20 %	●	●	◐													●	●	●	●		●	●	●												
Chlorinated Solvents 氯化溶劑																						●	●	●	●	●	◐					✕				
Chlorine Dioxide 二氧化氯	純	●	◐	◐			●	◐	◐			○	✕				●	●	●			●	●	●			✕									
Chlorine Gas 氯氣	濕	●	◐	◐			●	●	◐	○	✕	✕					●	●	●	●	●	●	●	●	●	●	✕					✕				
Chlorine Gas 氯氣	乾	●	●	●			●	●	●	◐		○					●	●	●	●	●	●	●	●	●	●	◐					✕				
Chlorine Water 氯水	400 ppm	●	●	◐			●	●	◐			○	✕				●	●	●	●	●	●	●	●	●	●	○	✕				◐	○			
Chlorobenzene 氯苯	純											◐	○				●	●	◐	○	○	●	●	●	●	●	●					✕				
Chloroform 三氯甲烷	純	✕					✕					◐	✕				●	●	◐	○	○	●	●	●	●	●	◐					✕				
Chlorosulfonic Acid 氯磺酸	純	✕					✕					✕					○	✕				●	●	●	●		✕					✕				
Chromic Acid 鉻酸	10 %	●	●	●	✕		●	●	●			✕					●	●	●	●	●	●	●	●	●	●	●	◐	◐	◐	✕	◐	○	✕		
Chromic Acid 鉻酸	20 %	●	●	◐			●	●	●	◐		✕					●	●	●	●	●	●	●	●	●	●	◐	◐	◐	○	✕	◐	✕			
Chromic Acid 鉻酸	40 %	◐	○	✕			◐	○	✕			✕					●	●	●	●	◐	●	●	●	●	●	✕					✕				
Chromic Acid 鉻酸	50 %	○	✕				○	✕				✕					●	●	◐	○	✕	●	●	●	●	●	✕					✕				
Chromium Alum 鉻明礬	飽和	●					●					●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	◐
Citric Acid 檸檬酸	10 %	●	●	◐			●	●	◐	◐		●	●	◐			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	
Coconut Oil 椰子油		●					●					●	●				●	●	●	●	●	●	●	●			●	●	●			◐	◐			
Coke Oven Gas 煉焦爐氣																	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●			
Copper Acetate 乙酸銅	飽和	●					●					●					●	●	●	●	●	●	●	●	●	●	●	●	●			●	●			
Copper Borofluoride 氟硼酸銅		●					●					●					●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	◐
Copper Carbonate 碳酸銅	飽和	●					●					●					●	●	●	●	●	●	●	●	●	●										
Copper Chloride 氯化銅	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20	40	60	80	100	CPVC 氯化聚氯乙烯 20	40	60	80	100	PP 聚丙烯 20	40	60	80	100	PVDF 聚偏二氟乙烯 20	40	60	80	100	PTFE 鐵氟龍 20	40	60	80	100	FKM 氟橡膠 20	40	60	80	100	EPDM 乙丙橡膠 20	40	60	80	100
Copper Cyanide 氰化銅	飽和	●					●					●	●	●	◐		●	●	●	●	◐	●	●	●	●	●										
Copper Fluoride 氟化銅	飽和	●	●	◐			●	●	◐			●	●	◐			●	●	●	●	●	●	●	●	●	●										
Copper Nitrate 硝酸銅		●	●	◐			●	●	◐			●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Copper Sulfate 硫酸銅	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Corn Oil 玉蜀黍油		●					●					●	●				●	●	●	●	●	●	●	●	●	●	●	●				◐	◐			
Corn Syrup 玉蜀黍糖漿		●	●	●			●	●	●			●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Cottonseed Oil 棉子油												●	●	●	◐	○	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	◐	●	◐	◐	○	
Creosote 木餾油		✕					✕															●	●	●	●	●	●				✕					
Cresol 甲酚	純	○	○	○	✕		✕					○					●	●	◐	◐	○	●	●	●	●	●	●	●	◐		✕					
Croton Aldehyde 丁烯醛	純																●	●	◐	◐	○	●	●	●	●	●	●				◐					
Crude Oil 原油（石油）		●	●	◐			●	●	◐								●	●	●	●	●	●	●	●	●	●	●				✕					
Cryolite 冰晶石		◐	◐	◐			◐	◐	○	○		●	●	●	●		●	●	●	●	●	●	●	●	●	●										
Cupric Fluoride 氟化銅	飽和	●	●	●			●	●	●			●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●			
Cupric Sulfate 硫酸銅	飽和	●	●	●			●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Cuprous Chloride 氯化亞銅	飽和	●	●	●			●	●	●	●	◐	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Cyclohexane 環己烷	純	✕					✕					○	✕				●	●	●	●	●	●	●	●	●	●	●	●			✕					
Cyclohexanol 環己醇	純	✕					✕					●	◐	○	✕		●	●	●	●	◐	●	●	●	●	●	●	●			◐					
Cyclohexanone 環己酮	純	✕					✕					◐	○	✕			◐	○	○	✕		●	●	●	●	●	✕				○					
D																																			
Decalin 十氫萘	純																					●	●	●	●	●	●				✕					
Decane 癸烷	純																●	●	●	●	●	●	●	●	●	●					✕					
Dextrin 糊精	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Dextrose 右旋糖		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Diacetone 二丙酮	純																✕																			
Diacetone Alcohol 二丙酮醇	純											●	●				●	◐	○	✕		●	●	●	●	●	✕					●				
Dibenzyl Ether 二苄醚	純																●	◐	○	✕		●	●	●	●	●						○				
Dibutyl Amine 二丁胺	純																●	○	✕			●	●	●	●											
Dibutyl Ether 二丁醚	純																●	◐	○	✕							✕				✕					
Dibutyl Phthalate 鄰苯二甲酸二丁酯	純																●	◐	○	✕		●	●	●	●	●	◐				●	●				
Dibutyl Sebacate 癸二酸二丁酯																	●	◐	○	✕		●	●	●	●	●	○				◐					
Dichlorobenzene 二氯苯	純																●	●	●	◐	○	●	●	●	●	●	◐				✕					
Dichloroethylene 二氯乙烯																	●	●	●	●	●	●	●	●	●	●	●				✕					
Dichloroisopropyl Ether 二氯異丙醚	純																●	◐	○	✕																
Diesel Fuels 柴油																	●	●	●	●	●	●	●	●	●	●										
Diethylamine 二乙胺	純	✕					✕					●	◐				◐	○	✕			●	●	●	●	●					●					
Diethylenetriamine 二伸乙三胺																	●	◐	○	✕																
Diethyl Ether 二乙醚	純	✕					✕					○	✕				●	◐				●	●	●	●	●	○				○					
Diglycolic Acid 二甘醇酸	飽和	●	●									●					●					●	●	●	●	●	●				●					

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Diisobutyl Ketone 二異丁酮	純				● ◐ ◐ ○		✕	✕
Diisobutylene 二異丁烯	純				● ● ● ◐ ○	● ● ● ● ●	● ● ●	✕
Diisopropyl Ketone 二異丙酮	純				◐ ✕	●	✕	◐
Dimethyl Amine 二甲胺	純	✕	✕	● ◐	◐ ○ ✕	● ● ●	✕	○
Dimethylaniline N,N-二甲基苯胺	純				◐ ○ ✕			✕
Dimethylformamide N,N-二甲基甲醯胺（DMF）	純	✕	✕	● ●	✕	● ● ● ● ●	✕	◐
Dimethyl Phthalate 鄰苯二甲酸二甲酯					◐ ○ ✕	● ●	◐	◐
Dioctyl Phthalate 鄰苯二甲酸二辛酯（DOP）					● ◐ ○ ✕	● ● ● ● ●	●	●
Dioxane 1,4-二噁烷（二氧陸圜）	純			◐ ○	○ ○ ✕		✕	✕
Dioxolane 1,3-二氧五環					✕		✕	✕
Diphenyl Oxide 二苯醚	飽和						●	
Disodium Phosphate 磷酸氫二鈉		● ● ●	● ● ● ● ●		● ● ● ● ●	● ● ● ● ●		
E								
Epichlorohydrin 環氧氯丙烷	純	✕	✕	● ●	○ ✕	● ●	✕	✕
Epsom Salt 瀉鹽	飽和				● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ●
Esters 酯					● ◐ ○ ✕	● ● ● ●		
Ethanolamine 乙醇胺	純	✕	✕		✕	● ●		●
Ethers 醚		✕	✕	○ ○ ✕	● ◐			
Ethyl Acetate 乙酸乙酯	純			◐ ◐ ○	● ◐ ○ ✕	● ● ● ● ●	✕	◐
Ethyl Acetoacetate 乙醯乙酸乙酯	純				● ◐ ○ ✕	● ● ● ● ●	✕	● ●
Ethyl Acrylate 丙烯酸乙酯	純				● ◐ ○ ✕	● ● ● ● ●	✕	◐
Ethyl Alcohol 乙醇	純	● ● ◐	● ◐ ◐ ○	● ● ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ●
Ethyl Benzene 乙苯					● ● ●	● ● ● ● ●	●	✕
Ethyl Chloride 氯乙烷				○ ✕	● ● ● ● ●	● ● ● ● ●	● ● ● ◐	● ●
Ethyl Ether 二乙醚	純				● ◐	● ● ● ● ●	○	○
Ethyl Formate 甲酸乙酯	純						✕	◐
Ethyl Hexanol 2-乙基己醇					● ● ● ● ●	● ● ● ● ●		
Ethyl Mercaptan 乙硫醇	純						● ● ●	● ●
Ethyl Oxalate 草酸二乙酯							✕	●
Ethylene Bromide 二溴乙烷	純				● ● ● ● ●	● ● ● ● ●	○	
Ethylene Chloride 二氯乙烷				◐ ✕	● ● ● ● ◐	● ● ● ● ●	●	✕
Ethylene Chlorohydrin 2-氯乙醇	純			●	● ◐ ○ ✕	● ● ● ● ●	✕	●
Ethylene Diamine 乙二胺	純				◐ ✕	● ● ● ● ●		●
Ethylene Dichloride 二氯乙烷	純				● ● ● ● ◐	● ● ● ● ●	●	✕
Ethylene Glycol 乙二醇	純	● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ◐ ○	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Ethylene Oxide 環氧乙烷					● ◐ ○ ✕	● ● ●	✕	✕
F								
Fatty Acids 脂肪酸		● ● ●	◐ ◐ ◐	● ◐ ◐ ○	● ● ● ● ●	● ● ● ● ●	●	✕

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20	40	60	80	100	CPVC 氯化聚氯乙烯 20	40	60	80	100	PP 聚丙烯 20	40	60	80	100	PVDF 聚偏二氟乙烯 20	40	60	80	100	PTFE 鐵氟龍 20	40	60	80	100	FKM 氟橡膠 20	40	60	80	100	EPDM 乙丙橡膠 20	40	60	80	100
Ferrous Chloride 氯化亞鐵	飽和	●	●	◐			●	●	●	●	◐	●	●	●	●	◐	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	●	●	●	●	◐
Ferric Hydroxide 氫氧化鐵	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●		●	●	●	●	
Ferric Nitrate 硝酸鐵	飽和	●	●	●			●	●	●	●		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Ferric Sulfide 硫化鐵		●	●	●			●	●	●			●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
Ferric Chloride 氯化鐵	飽和	●	●	◐			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	◐	●	●	●	●	◐	●	●	●	●	◐
Ferrous Hydroxide 氫氧化亞鐵	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●		
Ferrous Nitrate 硝酸亞鐵	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●		
Ferrous Sulfate 硫酸亞鐵		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	◐	●	●	●	●	◐	●	●	●	●	◐
Fluoboric Acid 氟硼酸	純	●	●	◐			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	◐	
Fluorine Gas 氟氣	濕	●	◐	◐			●	◐	◐			●	◐	◐			●	●	●	●	●	●	●	●	●	●	●	●	◐			●	●	◐		
Fluosilicic Acid 氫氟矽酸	50 %	◐	◐	◐			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	◐
Formaldehyde 甲醛	35 %	●	●	○			●	●	●	●		●	●	●	●		●	●	◐	✕		●	●	●	●	●	●	●	●	●		●	●	●	●	
Formaldehyde 甲醛	37 %	●	●	○			●	●	●	●		●	●	●	●		●	●	◐	✕		●	●	●	●	●	●	●	●			●	●	●	●	
Formaldehyde 甲醛	50 %																●	●	◐	✕		●	●	●	●	●	◐					●				
Formic Acid 甲酸	90 %	●	◐	✕			●	◐	✕			●	◐	✕			●	●	●	●	◐	●	●	●	●	●	✕					●	●	●	●	◐
Freon F-11 氟利昂 F-11（三氯氟甲烷）		●	●	●													●	●	●	●	●	●	●	●	●	●	◐					○				
Freon F-12 氟利昂 F-12（二氯二氟甲烷）		●	●	●													●	●	●	●	●	●	●	●	●	●	◐					◐				
Freon F-21 氟利昂 F-21（二氯氟甲烷）																	●	●	●	●	●	●	●	●	●	●	○	✕				○				
Freon F-22 氟利昂 F-22（氯二氟甲烷）																	●	●	●	●	●	●	●	●	●	●	✕					◐				
Freon F-113 氟利昂 F-113（1,1,2-三氯-1,2,2-三氟乙烷）																	●	●	●	●	●	●	●	●	●	●	◐					✕				
Freon F-114 氟利昂 F-114（1,2-二氯-1,1,2,2-四氟乙烷）																	●	●	●	●	●	●	●	●	●	●	●	●				○				
Fructose 果糖		●	●	●			●	●	●								●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		
Fruit Juice 果汁	純																●	●	●	●	●	●	●	●	●	●										
Furan 呋喃																	✕										✕					✕				
Furfural 糠醛	純											○	✕				●	◐	◐	✕		●	●	●	●	●	◐	◐	○			●	●	●	◐	✕
Furfuryl Alcohol 糠醇	純																◐	◐	○	✕		●	●	●			✕					○				
G																																				
Gallic Acid 三羥基苯甲酸																	●	◐	○	✕		●	●	●	●	●	●					●				
Gas, Natural 天然氣		●	●	●													●	●	●	●	●	●	●	●	●	●	●					✕				
Gasoline Leaded 含鉛汽油		●	●	◐								✕					●	●	●	●	●	●	●	●	●	●	◐	◐	◐			✕				
Gasoline Unleaded 無鉛汽油		●	●	◐								✕					●	●	●	●	●	●	●	●	●	●	◐	◐	◐			✕				
Gasoline Sour 酸性汽油		●	●	◐								✕					●	●	●	●	●	●	●	●	●	●	●					✕				
Gelatin 動物膠		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Gin 杜松子酒		●	●	◐			●	●	◐	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Glucose 葡萄糖		●	●	●			●	●	●			●	●	●	●	◐	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		
Glue 膠																	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Glycerol (Glycerine) 甘油（丙三醇）	純	●	●	●			●	●	●			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		
Glycolic Acid 乙醇酸	飽和											●	●	●			●	◐	○	✕		●	●	●	●	●	●					●				

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Glycols 二元醇		●			● ● ● ● ●	● ● ● ● ●	●	●
Grape Sugar 葡萄糖		● ● ●	● ● ●	● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
H								
Heptane 庚烷		● ● ●		◐ ◐ ○	● ● ● ● ●	● ● ● ● ●	● ● ●	✕
Hexane 己烷		● ◐		◐ ◐ ○	● ● ● ● ●	● ● ● ● ●	●	✕
Hexyl Alcohol 己醇	純	● ● ◐				● ● ● ● ●	● ● ● ● ●	◐ ◐ ○ ✕
Hydrazine 聯氨	純	✕				● ● ● ● ●	✕	●
Hydrobromic Acid 氫溴酸	20 %	● ● ◐	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐	● ● ● ◐
Hydrobromic Acid 氫溴酸	50 %	● ● ◐	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ●	● ●
Hydrochloric Acid 氫氯酸	25 %	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ✕	● ● ● ◐
Hydrochloric Acid 氫氯酸	35 %	● ● ◐	● ● ● ◐	● ● ● ◐	● ● ● ●	● ● ● ● ●	◐ ◐ ✕	◐ ◐ ✕
Hydrochloric Acid 氫氯酸	38 %	● ● ◐	● ● ◐ ◐	● ● ● ◐	● ● ● ● ◐	● ● ● ◐ ◐	◐ ◐ ✕	○ ○ ✕
Hydrocyanic Acid 氫氰酸		● ● ●	● ● ●	● ● ●	● ● ● ● ●	● ● ● ● ●	◐	◐
Hydrofluoric Acid 氫氟酸	稀釋	● ● ○	● ◐ ◐ ○	● ◐ ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Hydrofluoric Acid 氫氟酸	30 %	● ◐ ○ ✕	● ◐ ○ ✕	● ◐ ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ✕
Hydrofluoric Acid 氫氟酸	40 %	◐ ○ ✕	◐ ○ ✕	● ◐ ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ◐ ○ ✕
Hydrofluoric Acid 氫氟酸	50 %	◐ ○ ✕	◐ ✕	● ◐ ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ◐ ○ ✕
Hydrogen 氫		● ● ●	● ● ●	● ● ●	● ● ● ● ◐	● ● ● ● ●	● ● ●	● ● ●
Hydrogen Fluoride Anhydrous 無水氟化氫					● ● ● ● ●	● ● ● ● ●	✕	◐
Hydrogen Peroxide 過氧化氫	5 %	● ● ◐	✕	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ◐ ◐ ○
Hydrogen Peroxide 過氧化氫	50 %	◐ ○	✕	○ ✕	● ● ● ● ●	● ● ● ● ●	○ ○	○
Hydrogen Peroxide 過氧化氫	90 %				○	● ● ● ● ●	●	✕
Hydrogen Sulfide 硫化氫	乾	● ● ●	● ● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ◐ ◐
Hydrogen Sulfide Aqueous 硫化氫水溶液		● ● ●	● ● ● ● ◐	● ● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ◐	● ● ● ● ◐
Hydroquinone 對苯二酚	飽和	● ● ●			● ● ● ● ●	● ● ● ● ●	● ●	●
Hypochlorous Acid 次氯酸	10 %	● ● ●	● ● ● ◐	● ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ◐	● ◐
I								
Iodine 碘		◐ ○	◐ ◐ ○	● ● ● ●	● ● ● ● ●	● ● ● ● ●	◐	✕
Iodine Solution 碘溶液	10 %	● ●			● ● ● ● ●	● ● ● ● ●		
Isobutyl Alcohol 異丁醇	純				● ● ● ● ●	● ● ● ● ●	●	●
Iso-octane 異辛烷					● ● ● ● ●	● ● ● ● ●	●	✕
Isophorone 異佛爾酮	純						✕	✕
Isopropyl Acetate 醋酸異丙酯	純					● ● ● ● ●	✕	◐
Isopropyl Alcohol 異丙醇	純	● ● ●	● ● ●	● ● ●	● ● ● ● ◐	● ● ● ● ●	● ● ● ● ◐	● ● ●
Isopropyl Chloride 2-氯丙烷					● ◐ ○ ✕	● ● ● ● ●	●	✕
Isopropyl Ether 異丙醚	純				● ◐ ○ ✕	● ● ●	○	○
J								
Jet Fuel JP-4 航空燃油 JP-4					● ● ● ● ●	● ● ● ● ●	●	✕

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Jet Fuel JP-5 航空燃油 JP-5					● ● ● ● ●	● ● ● ● ●	●	✕
K								
Kerosene 煤油		● ● ●	● ● ●	● ◐ ○	● ● ● ● ●	● ● ● ● ●	●	✕
L								
Lacquer 漆							✕	✕
Lactic Acid 乳酸	25 %	● ● ◐	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Lactic Acid 乳酸	80 %	● ◐ ◐	● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ● ◐
Lard Oil 豬油				●	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Lauric Acid 月桂酸					● ● ● ● ●	● ● ● ● ●		
Lauroyl Chloride 月桂醯氯	純				● ● ● ● ●	● ● ● ● ●		
Lead Acetate 乙酸鉛	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐	● ● ● ●
Lead Chloride 氯化鉛		● ● ●	● ● ●	● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Lead Nitrate 硝酸鉛	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Lead Sulfate 硫酸鉛		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Lemon Oil 檸檬油				✕	● ● ● ● ●	● ● ● ● ●		
Linoleic Acid 亞麻油酸		◐ ◐ ◐			● ● ● ● ●	● ● ● ● ●	●	✕
Linoleic Oil 亞麻油酸油		◐ ◐ ◐			● ● ● ● ●	● ● ● ● ●		
Linseed Oil 亞麻仁油		● ● ●	● ● ● ●	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ●	◐
Lithium Bromide 溴化鋰	60 %	● ● ●			● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	
Lubricating Oil (ASTM 1) 潤滑油（ASTM 1 號油）		● ● ●			● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	
Lubricating Oil (ASTM 2) 潤滑油（ASTM 2 號油）		● ● ●			● ● ● ● ●	● ● ● ● ●		
Lubricating Oil (ASTM 3) 潤滑油（ASTM 3 號油）		● ● ●		●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ◐	✕
M								
Machine Oil 機械油		● ● ●		● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ●	✕
Magnesium Carbonate 碳酸鎂		● ● ●	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Magnesium Chloride 氯化鎂	飽和	● ● ◐	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ● ◐
Magnesium Citrate 檸檬酸鎂		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Magnesium Hydroxide 氫氧化鎂	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Magnesium Nitrate 硝酸鎂		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Magnesium Sulfate 硫酸鎂		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Manganese Sulfate 硫酸錳		● ●	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Maleic Acid 順丁烯二酸		● ● ◐	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ◐ ◐	● ◐ ◐
Maleic Acid 順丁烯二酸	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ◐	● ● ● ● ◐
Mercuric Chloride 氯化汞		● ● ●	● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Mercuric Cyanide 氰化汞	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	●
Mercuric Sulfate 硫酸汞	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	●
Mercurous Nitrate 硝酸亞汞	飽和				● ● ● ● ●	● ● ● ● ●	●	●
Mercury 汞		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	●

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Methane 甲烷					● ● ● ● ●	● ● ● ● ●	●	●
Methane Sulfonic Acid 甲磺酸	50 %				● ● ● ● ●	● ● ● ● ●		
Methyl Acetate 乙酸甲酯	純	✕	✕	◐	● ◐ ○ ✕	● ● ● ● ●	✕	◐ ○
Methyl Acrylate 丙烯酸甲酯	純				● ◐ ○ ✕	● ● ● ● ●	✕	◐
Methyl Alcohol 甲醇	純	● ◐ ◐	● ◐ ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	◐ ◐ ○ ○ ○	● ● ● ◐
Methyl Amine 甲胺		✕	✕	✕	○ ✕	● ● ● ● ●		●
Methyl Bromide 溴甲烷					● ● ● ● ●	● ● ● ● ●		◐
Methyl Cellosolve 2-甲氧基乙醇					● ● ● ● ●			◐
Methyl Chloride 氯甲烷					● ● ● ● ●	● ● ●	✕	◐
Methyl Chloroform 1,1,1-三氯乙烷					● ●	● ● ● ● ●	◐	✕
Methyl Ether 甲醚							✕	✕
Methyl Ethyl Ketone 丁酮		✕	✕	◐ ○ ✕	✕	● ● ● ● ◐	✕	◐ ○
Methyl Formate 甲酸甲酯							✕	●
Methyl Isobutyl Carbinol 甲基異丁基甲醇						● ● ● ● ●	●	●
Methyl Isobutyl Ketone 甲基異丁基酮					● ◐ ○ ✕	● ● ● ● ●	✕	◐
Methyl Isopropyl Ketone 3-甲基-2-丁酮					● ◐ ○ ✕	● ● ● ●		✕
Methyl Methacrylate 異丁烯酸甲酯					● ◐ ○ ✕	● ● ● ●	✕	✕
Methyl Sulfoxide 二甲亞碸					✕	●		
Methylene Bromide 二溴甲烷					● ● ● ● ●	● ● ● ● ●	●	✕
Methylene Chloride 二氯甲烷					◐ ◐	● ● ●	○	✕
Methylene Dichloride 二氯甲烷						● ● ●	◐	✕
Methylene Iodide 二碘甲烷					● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	
Milk 牛奶		◐ ◐ ◐		● ● ● ● ◐	● ● ● ● ●	● ● ● ● ●		
Mineral Oil 礦物油		◐ ◐		● ◐ ○	● ● ● ● ●	● ● ● ● ●	●	✕
Monobromobenzene 溴苯								
Monochloroacetic Acid 氯醋酸	50 %	● ◐ ◐	● ◐ ◐	◐ ◐ ✕	● ● ◐ ◐ ○	● ● ● ● ●	◐ ✕	○
Monochlorobenzene 氯苯				◐ ○	● ● ◐ ◐ ○	● ● ● ● ●	●	✕
Monoethanolamine 單乙醇胺					✕	● ●		●
Monomethylaniline N-甲基苯胺							●	✕
Motor Oil 機油					● ● ● ● ●	● ● ● ● ●	●	✕
N								
Naphtha 石油腦				● ◐ ○	● ● ● ◐ ◐	● ● ● ● ●	●	✕
Naphthalene 萘				◐	● ● ● ● ●	● ● ● ● ●	●	✕
Nickel Acetate 醋酸鎳						● ● ● ● ●	○	●
Nickel Chloride 氯化鎳	飽和	● ● ●	● ● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Nickel Nitrate 硝酸鎳	飽和				● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Nickel Sulfate 硫酸鎳	飽和	● ● ●	● ● ● ◐ ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ● ◐
Nicotine 菸鹼					● ◐	● ● ● ● ●		

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Nicotinic Acid 菸鹼酸					● ● ● ● ●	● ● ● ● ●		●
Nitric Acid 硝酸	10 %	● ● ● ✕	● ● ● ● ◐	● ● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ○ ○	● ● ◐ ✕
Nitric Acid 硝酸	30 %	● ● ◐ ✕	● ● ◐ ◐ ○	● ● ◐ ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ● ◐ ○ ○	◐ ◐ ✕
Nitric Acid 硝酸	50 %	● ◐ ◐ ✕	● ◐ ○ ○ ✕	● ● ◐ ✕	● ● ● ◐ ◐	● ● ● ● ●	● ◐ ○ ✕	✕
Nitric Acid 硝酸	70 %	● ◐ ○ ✕	◐ ◐ ○ ✕	○ ✕	● ● ● ◐ ○	● ● ● ● ●	○ ✕	✕
Nitric Acid 硝酸	98 %	✕	✕	✕	● ◐	●	○	✕
Nitrobenzene 硝基苯		✕	✕	◐ ◐ ◐	◐ ○ ✕	● ● ● ● ●	● ● ●	◐ ◐ ◐
Nitroethane 硝基乙烷	純				●	● ● ● ●	✕	●
Nitrogen Dioxide 二氧化氮					● ◐ ◐	● ● ● ● ●		
Nitromethane 硝基甲烷	純				● ●	● ● ● ●		◐
Nitrous Acid 亞硝酸	10 %						●	◐
Nitrous Oxide 一氧化二氮		● ● ●		● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ◐
O								
Octane 辛烷					● ● ● ● ●	● ● ● ● ●	●	✕
Octene 辛烯	純				● ● ● ● ●	● ● ● ● ●	●	✕
Oleic Acid 油酸		● ● ◐	◐ ◐ ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	✕
Oleum 發煙硫酸		✕	✕	✕	✕	● ●	✕	✕
Olive Oil 橄欖油		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ●	◐
Oxalic Acid 草酸	20 %	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ●	● ●
Oxalic Acid 草酸	50 %	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	●
Oxygen Gas 氧氣		●	●	●	● ● ● ● ●	● ● ● ● ●	●	●
Ozone 臭氧		◐ ◐	◐ ◐	○	● ● ● ● ●	● ● ● ● ●	●	●
P								
Paint Solvents 油漆溶劑							✕	✕
Palmitic Acid 棕櫚酸（十六酸）	5 %			● ● ● ● ◐	● ● ● ● ●	● ● ● ● ●	●	◐
Palmitic Acid 棕櫚酸（十六酸）	10 %			● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	◐
Palmitic Acid 棕櫚酸（十六酸）	70 %			● ● ● ◐	● ● ● ● ●	● ● ● ● ●	●	◐
Paraffin 石蠟		●	●	●	● ● ● ● ●	● ● ● ● ●	◐	✕
Peanut Oil 花生油		●	●	●	● ● ● ● ●	● ● ● ● ●		
Perchloroethylene 四氯乙烯	純				● ● ● ● ●	● ● ● ● ●		
Perchloric Acid 過氯酸	10 %	● ● ◐	● ● ◐ ◐	● ◐	● ● ● ● ●	● ● ● ● ●	●	◐
Perchloric Acid 過氯酸	70 %				● ●	● ● ● ● ●		
Perphosphate 過磷酸鈣		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	●
Petroleum Oils 石油		●	●	◐	● ● ● ● ●	● ● ● ● ●	●	✕
Phenol 苯酚		● ◐ ◐	● ◐	● ● ◐ ○	● ● ◐ ✕	● ● ● ● ●	◐	●
Phenyl Bisulfide 二苯基二硫醚	純					● ● ● ● ●	●	✕
Phenylhydrazine 苯肼					● ●	● ●	✕	◐
Phosgene Gas 光氣				✕				

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯					CPVC 氯化聚氯乙烯					PP 聚丙烯					PVDF 聚偏二氟乙烯					PTFE 鐵氟龍					FKM 氟橡膠					EPDM 乙丙橡膠				
		20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Phosgene Liquid 光氣液		◐					●					●					●																		
Phosphoric Acid 磷酸	10%	●	●	●			●	●	●	◐		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
Phosphoric Acid 磷酸	50%	●	●	●			●	●	◐	○		●	●	●	○		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
Phosphoric Acid 磷酸	80%	●	●	◐			●	◐	◐	◐		●	◐	◐	◐		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
Phosphorus Pentoxide 五氧化二磷		●					●					●					●	●	●	●	●	●	●	●	●	●									
Phosphorus Red 紅磷		●					●					●					●	●	●	●	●	●	●	●	●	●									
Phosphorus Trichloride 三氯化磷	純																●	●	●	●	●	●	●	●	●	●									
Phosphorus Yellow 黃磷		●					●					●					●	●	●	●	●	●	●	●	●	●									
Photographic Solutions 照相溶液		●	●	●			●	●	●			●	●	●	●		●	●	●	●	●	●	●	●	●	●									
Phthalic Acid 鄰苯二甲酸		✕					✕					✕					●	●	●	●	◐	●	●	●	●	●	●					●				
Pickling Solutions (Steel) 酸洗溶液（鋼）		●	●	●			●	●	●	◐		●	●	●	●		●	●	●	●	●	●	●	●	●	●									
Picric Acid 苦味酸	10%	●	●	●			●	●	●	◐	◐	●	●	●	●	◐	●					●	●	●	●	●	●	●	●	◐	○	●	●	●	◐	
Plating Solutions (Brass) 鍍黃銅液		●	●	●			●	●	●	◐		●	●	●	●		●	●	●	●	●	●	●	●	●	●					●				
Plating Solutions (Cadmium) 鍍鎘液		●	●	●			●	●	●	◐		✕					●	●	●	●	●	●	●	●	●	●					●				
Plating Solutions (Chrome) 鍍鉻液		●	●	◐			●	●	●	◐		✕					●	●	●	●	●	●	●	●	●	●									
Plating Solutions (Copper) 鍍銅液		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●					●				
Plating Solutions (Gold) 鍍金液		●	●	●			●	●	●			✕					●	●	●	●	●	●	●	●	●	●					●				
Plating Solutions (Lead) 鍍鉛液		●	●	●			●	●	●			●	●	●			●	●	●	●	●	●	●	●	●	●					●				
Plating Solutions (Nickel) 鍍鎳液		●	●	●			●	●	●			●	●	●			●	●	●	●	●	●	●	●	●	●					●				
Plating Solutions (Rhodium) 鍍銠液		●	●	●			●	●				●	●	●			●	●	●	●	●	●	●	●	●	●					●				
Plating Solutions (Silver) 鍍銀液																	●	●	●			●	●	●	●	●					●				
Plating Solutions (Tin) 鍍錫液		●	●	◐			●	●	◐			●	●	◐			●	●	●	●	●	●	●	●	●	●	●	●	●	◐		●	●	◐		
Plating Solutions (Zinc) 鍍鋅液																						●	●	●	●	●					●				
Polyethylene Glycol 聚乙二醇		●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Polyvinyl Acetate 聚醋酸乙烯酯																	●	●	●	●	●	●	●	●	●	●					●				
Polyvinyl Alcohol 聚乙烯醇		●	●	●			●	●	●			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●			
Potash 碳酸鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Acetate 醋酸鉀	飽和	●					●					●					●	●	●	●	●	●	●	●	●	●					●				
Potassium Alum 鉀礬		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Aluminum Sulfate 硫酸鋁鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Bicarbonate 碳酸氫鉀（重碳酸鉀）	飽和	●	●	●	●		●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Bichromate 重鉻酸鉀	飽和	●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Bisulfate 酸性硫酸鉀		●	●	●			●	●	●	◐		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Borate 硼酸鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Bromate 溴酸鉀		●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●									
Potassium Bromide 溴化鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Carbonate 碳酸鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Potassium Chlorate (Aqueous) 氯酸鉀（水溶液）		●	●	◐			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●			●	●	●			●	●			

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯					CPVC 氯化聚氯乙烯					PP 聚丙烯					PVDF 聚偏二氟乙烯					PTFE 鐵氟龍					FKM 氟橡膠					EPDM 乙丙橡膠				
		20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Potassium Chloride 氯化鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Potassium Chromate 鉻酸鉀		●	●	◐			●	●	◐	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Potassium Copper Cyanide 氰化銅鉀		●	●	●			●	●	●	◐		●	●	●	●	◐	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Potassium Cyanide 氰化鉀		●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●					●				
Potassium Dichromate 重鉻酸鉀	飽和	●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Potassium Ferricyanide 鐵氰化鉀		●					●					●					●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Potassium Ferrocyanide 亞鐵氰化鉀		●					●					●					●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Potassium Fluoride 氟化鉀		●					●					●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Potassium Hydroxide 氫氧化鉀	25 %	●	●	●			●	●	●	◐		●	●	●	●		●	●	◐	○	✕	●	●	●	●	●	✕					●				
Potassium Hypochlorite 次氯酸鉀		●	●	●			●	●									●	●	●	●	●	●	●	●	●	●	●					●				
Potassium Iodide 碘化鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Potassium Nitrate 硝酸鉀		●	●	●			●	●	●								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Potassium Perborate 過硼酸鉀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●									
Potassium Perchlorate 過氯酸鉀		●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●										
Potassium Permanganate 過錳酸鉀	10 %	●	●	◐			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●			●	●	◐		
Potassium Permanganate 過錳酸鉀	25 %	●	●	◐			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●			●	●			
Potassium Persulfate 過硫酸鉀		●					●					●					●	●	●	●	●	●	●	●	●	●									
Potassium Sulfate 硫酸鉀	純	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐	
Propane 丙烷		●					●					●					●	●	●	●	●	●	●	●	●	●					✕				
Propyl Acetate 醋酸丙酯	純																●	◐	○	✕		●	●	●			✕					◐				
Propyl Acetone 丙基丙酮（2-己酮）	純																✕																			
Propyl Alcohol 丙醇	純	●	●	◐	◐		●	●	●	◐		●	●	●	◐		●	●	●	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Propylene Dichloride 二氯丙烷	純																										◐				✕				
Propylene Oxide 環氧丙烷																	✕										✕				✕				
Pyridine 吡啶																	○	○	✕								✕				◐				
R																																				
Rhodan Salts 硫氰酸鹽		●	●	●			●	●	●			●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		
S																																				
Salicylaldehyde 鄰羥苯甲醛（水楊醛）																	●	●	◐	○	✕	●	●	●	●		●					●				
Salicylic Acid 鄰羥苯甲酸（水楊酸）																	●	●	●	●	◐	●	●	●	●	●	●					●				
Sewage 污水		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		
Silicic Acid 矽酸		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Silicone Oil 矽油		●	●	●			●	●	●			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●					●				
Silver Cyanide 氰化銀		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Silver Nitrate 硝酸銀		●	●	●			●	●	●			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●		
Silver Sulfate 硫酸銀		●	●	●			●	●	●	●		●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Soaps 肥皂		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Sodium 鈉	飽和	●	●	●			●	●	●	◐		●	●	●	◐		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Sodium 鈉		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Sodium Acetate 乙酸鈉	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	◐ ○ ○	● ● ● ●
Sodium Alum 鈉礬	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ● ●	● ● ● ●
Sodium Benzoate 苯甲酸鈉		● ● ●	● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●		
Sodium Bicarbonate 碳酸氫鈉（小蘇打）		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Sodium Bichromate 重鉻酸鈉	飽和	● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Sodium Bisulfate 硫酸氫鈉		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Sodium Bisulfite 酸式亞硫酸鈉		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Sodium Borate 四硼酸鈉	飽和			● ● ● ● ◍	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ●
Sodium Bromide 溴化鈉	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●		
Sodium Carbonate 碳酸鈉		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Sodium Chlorate 氯酸鈉	飽和	● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ●	● ●
Sodium Chloride 氯化鈉		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ●
Sodium Chlorite 亞氯酸鈉	25 %	✕	✕	✕	◐ ○ ✕	◐ ◐ ◐ ◐ ◐	✕	✕
Sodium Cyanide (Solution) 氰化鈉溶液		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ● ◐
Sodium Ferricyanide 鐵氰化鈉	飽和	● ● ◐	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Sodium Ferrocyanide 亞鐵氰化鈉	飽和	● ● ◐	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Sodium Fluoride 氟化鈉		● ● ●	● ● ●	● ● ● ● ◍	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Sodium Hydroxide 氫氧化鈉	15 %	● ● ●	● ○ ○ ✕	● ● ● ◐	● ● ◐ ○ ✕	● ● ● ● ●	○ ○ ✕	● ● ● ◐
Sodium Hydroxide 氫氧化鈉	30 %	● ● ●	● ● ○ ✕	● ● ● ◐	● ● ◐ ○ ✕	● ● ● ● ●	○ ✕	● ● ● ● ◐
Sodium Hydroxide 氫氧化鈉	50 %	● ●	● ● ○ ○	● ● ● ◐ ◑	● ◐ ○ ✕	● ● ● ● ●	✕	● ● ● ● ◐
Sodium Hydroxide 氫氧化鈉	70 %			◐ ◐ ◐ ◐	● ◐ ○ ✕	● ● ● ● ●	✕	●
Sodium Hypochlorite 次氯酸鈉	13 %	● ● ◐	● ● ◐	◐ ◐ ○	● ● ◐	● ● ● ● ●	✕	✕
Sodium Metasilicate 偏矽酸鈉		● ● ●	● ● ● ● ◐	● ● ● ● ◑	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Sodium Nitrate 硝酸鈉	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Sodium Nitrite 亞硝酸鈉	飽和	● ● ◐	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Sodium Palmitate (Solution) 棕櫚酸鈉溶液（十六酸鈉）	5 %				● ● ● ● ●	● ● ● ● ●		
Sodium Perborate 過硼酸鈉					● ● ● ● ●	● ● ● ● ●		●
Sodium Perchlorate 過氯酸鈉		● ● ◐	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●		
Sodium Peroxide 過氧化鈉		● ● ◐	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●		
Sodium Phosphate Acid 酸性磷酸鈉		● ● ●	● ● ● ◐	● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ●
Sodium Phosphate Alkaline 鹼性磷酸鈉		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Sodium Phosphate Neutral 中性磷酸鈉		● ● ●	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ●
Sodium Sulfate 硫酸鈉	飽和	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Sodium Sulfide 硫化鈉		● ● ◐	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ●
Sodium Sulfite 亞硫酸鈉		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐	● ● ● ◐
Sodium Thiocyanate 硫氰化鈉		● ● ●	● ● ●	● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ●
Sodium Thiosulfate 硫代硫酸鈉		● ● ●	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Sour Crude Oil 高硫分原油				● ● ●	● ● ● ● ●	● ● ● ● ●	●	✕
Soybean Oil 豆油		● ● ◐	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ○	● ● ● ○ ✕
Stannic Chloride (Tin(IV) Chloride) 四氯化錫		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●		● ● ●
Stannous Chloride (Tin(II) Chloride) 氯化亞錫		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●		◐ ◐
Starch 澱粉		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Stearic Acid 硬脂酸（十八酸）		● ● ◐	● ● ● ◐	◐ ◐ ◐ ○	● ● ● ● ●	● ● ● ● ●	● ● ◐ ○	✕
Styrene 苯乙烯					● ● ● ● ◐	● ● ● ● ●	○	✕
Succinic Acid 丁二酸		● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	●	●
Sulfamic Acid 胺磺酸	20 %	✕	✕	✕	✕			
Sulfate Liquors (Oil) 硫酸鹽液（油）							●	●
Sulfite Liquor 亞硫酸鹽廢液	6 %	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Sulfur 硫黃		● ● ◐	● ● ● ◐		● ● ● ● ●	● ● ● ● ●	●	○
Sulfur Chloride 氯化硫				○ ✕	● ● ● ● ●	● ● ● ● ●	●	✕
Sulfur Dichloride 二氯化硫				○ ✕	●	●	●	✕
Sulfur Dioxide 二氧化硫	乾	● ● ◐	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	●	●
Sulfur Dioxide 二氧化硫	濕	● ● ◐	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ●
Sulfur Trioxide 三氧化硫		✕	✕	✕	✕	◐	○ ✕	○ ✕
Sulfuric Acid 硫酸	10 %	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Sulfuric Acid 硫酸	30 %	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ✕
Sulfuric Acid 硫酸	50 %	● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ✕
Sulfuric Acid 硫酸	60 %	● ● ●	● ● ● ●	● ● ● ◐	● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ● ◐ ✕
Sulfuric Acid 硫酸	70 %	● ● ●	● ● ● ●	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐	● ● ◐ ◐ ○
Sulfuric Acid 硫酸	80 %	● ● ◐	● ● ◐ ○	● ● ◐ ◐	● ● ● ● ◐	● ● ● ● ●	● ● ● ◐ ○	● ● ◐ ○
Sulfuric Acid 硫酸	90 %	● ◐ ◐	● ● ◐ ○	● ● ◐ ◐	● ● ● ● ◐	● ● ● ● ◐	● ● ● ◐ ◐	● ◐ ○ ✕
Sulfuric Acid 硫酸	93 %	● ◐ ◐	● ● ◐ ○	● ● ◐ ◐ ○	● ● ● ● ◐	● ● ● ● ◐	● ● ◐ ◐ ✕	◐ ◐ ○ ✕
Sulfuric Acid 硫酸	94 %	● ◐ ◐	● ◐ ○	◐ ◐ ◐ ○	● ● ● ◐ ○	● ● ◐ ◐ ◐	● ◐ ○ ○	○ ✕ ✕
Sulfuric Acid 硫酸	95 %	● ◐ ○	● ◐ ○	○	● ● ● ◐ ○	● ● ◐ ◐ ◐	● ○ ○	✕
Sulfuric Acid 硫酸	96 %	● ○ ○	◐ ◐ ○ ✕	✕	● ● ● ◐ ○	● ● ◐ ◐ ◐	◐ ○ ✕	✕
Sulfuric Acid 硫酸	98 %	◐ ○ ✕	◐ ○ ✕	✕	● ● ◐ ○ ✕	◐ ◐ ◐ ◐ ◐	✕	✕
Sulfuric Acid 硫酸	100 %	✕	✕	✕	✕	◐ ◐ ◐ ◐ ◐	✕	✕
Sulfurous Acid 亞硫酸		● ● ●	● ● ● ◐ ○	● ● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ○	● ● ● ● ◐
Sumithion (Insecticide) 撲滅松（殺蟲劑）		✕	✕	● ● ◐	● ● ● ● ◐	● ● ● ● ●	● ● ●	● ● ●
T								
Tall Oil 妥爾油					● ● ● ● ●	● ● ● ● ●	●	✕
Tannic Acid (Tannin) 鞣酸		●	●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●		◐
Tanning Liquors 鞣革液		●	●	●	●	● ● ● ●		◐
Tar 焦油		✕	✕	◐	● ● ● ● ●	● ● ● ● ●	●	✕
Tartaric Acid (Dioxysuccinic Acid) 酒石酸		● ● ◐	● ● ◐ ◐	● ● ◐ ○ ✕	● ● ● ● ●	● ● ● ● ◐	●	● ● ● ●

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯					CPVC 氯化聚氯乙烯					PP 聚丙烯					PVDF 聚偏二氟乙烯					PTFE 鐵氟龍					FKM 氟橡膠					EPDM 乙丙橡膠				
		20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Tertiary Butyl Alcohol 第三丁醇		●					●					●					●	●	●	●	●	●	●	●	●	●					◐				
Tertiary Butyl Catechol 第三丁基鄰苯二酚																															◐				
Tetrachloroethane 四氯乙烷	純																●	●	●	●	●	●	●	●	●	●	●					✕				
Tetrachloroethylene 四氯乙烯	純																●	●	●	●	●	●	●	●	●	●	●					✕				
Tetraethyl Lead 四乙鉛	純																●	●	●	●	●	●	●	●	●	●	◐					✕				
Tetrahydrofuran 四氫呋喃	純	✕					✕					◐	○	✕			◐	○				●	●	●	◐		✕					✕				
Tetralin (Tetrahydronaphthalene) 四氫萘	純																										●					✕				
Tetramethyl Ammonium Hydroxide 氫氧化四甲銨	50 %																●	●	◐	◐	○	●	●	●	●	●										
Titanic Sulfate 硫酸鈦(IV)		●	●	●			●	●	●	●	◍	●	●	●	●		●	●	●	●	●	●	●	●	●	●										
Titanous Sulfate 硫酸鈦(III)		●	●	●			●	●	●	●	◐	●	●	●	●		●	●	●	●	●	●	●	●	●	●										
Titanium Tetrachloride 四氯化鈦																											●									
Toluene (Toluol) 甲苯		✕					✕					◐	○	✕			●	●	◐	○	✕	●	●	●	●	◐	◐					✕				
Tomato Juice 番茄汁		●	●	●								●	●	●	●		●	●	●	●	●	●	●	●	●	●										
Triacetin 三乙酸甘油酯	純																										◐					●				
Tributyl Phosphate 磷酸三丁酯												◐	◐	○			●	●	○	✕	✕	●	●	●			✕					◐				
Trichloroacetic Acid 三氯乙酸												●	●	●			●	◐	○	✕		●	●	●			✕					✕				
Trichloroethylene 三氯乙烯												◐	○	✕			●	●	●	◐		●	●	●	●	●	●					✕				
Triethanolamine 三乙醇胺												✕					✕										✕					●				
Triethylamine 三乙胺																	◐	○	✕																	
Trimethylolpropane 三羥甲丙烷																	●	●	●	●	●	●	●	●	●	●										
Turbine Oil (#+40) 渦輪機油		●					●					◐										●	●	●	●	●	●	●	●			✕				
Turpentine 松節油												◐	✕	○			●	●	●	●	●	●	●	●	●	●	●					◐				
U																																				
Urea 尿素		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●					●				
Urine 尿		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	◐	●	●	●	●	●	●					●				
V																																				
Varnish 清漆																	●	●	●	●	●	●	●	●	●	●	●					✕				
Vaseline (Petrolatum) 凡士林		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●					✕				
Vegetable Oil 植物油		●					●					●					●	●	●	●	●	●	●	●	●	●					●				
Vinegar 醋		●	●	●			●	●	●			●	●	●			●	●	●	●	◐	●	●	●	●	●	●	●	●			●	●	●		
Vinyl Acetate 醋酸乙烯酯		✕					✕										●	●	●	●	●	●	●	●	●	●	✕					◐	✕			
W																																				
Water 水		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	◐
Water (Distilled Water) 蒸餾水		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Water (Potable Water) 飲用水		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		
Water (Salt Water) 鹽水	飽和	●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
Water (Sea Water) 海水		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
Water (Sewage Water) 污水		●	●	●			●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●		

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Whisky 威士忌酒		● ● ◐		● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ●	● ● ● ●
White Acid 白酸					● ● ● ●	● ● ● ●		
White Liquor 燒鹼液		● ● ◐	● ● ◐	● ● ◐	● ● ● ● ●	● ● ● ● ●	● ●	● ● ● ●
Wines 酒		● ● ◐		● ● ●	● ● ● ● ●	● ● ● ● ●	● ●	● ● ● ●
X								
Xylene 二甲苯		×	×	×	● ● ● ● ●	● ● ● ● ●	◐	×
Z								
Zinc Acetate 乙酸鋅		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Zinc Chloride 氯化鋅		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ◐
Zinc Nitrate 硝酸鋅		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Zinc Sulfate 硫酸鋅		● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
混合								
Hydrochloric Acid + Allyl Chloride 氫氯酸＋3-氯丙烯	36 12 ppm	◐ ◐	◐ ◐	◐ ◐ ◐	● ● ● ● ◐	● ● ● ● ●	◐ ◐ ◐ ◐ ○	◐ ◐ ○
Hydrochloric Acid + Benzene 氫氯酸＋苯	36 54 ppm	◐ ◐ ◐	◐ ◐ ◐ ◐	◐ ◐ ◐ ◐	● ● ● ● ◐	● ● ● ● ●	◐ ◐ ◐ ◐ ○	◐ ◐ ○
Hydrochloric Acid + Chlorobenzene 氫氯酸＋氯苯	18 490 ppm	● ◐ ◐	● ◐ ◐ ◐	● ◐ ◐ ◐	● ● ● ● ●	● ● ● ● ●	◐ ◐ ◐ ○	◐ ◐ ○
Hydrochloric Acid + Chlorobenzene 氫氯酸＋氯苯	36 890 ppm	◐ ◐	○	◐ ◐	● ● ● ● ◐	● ● ● ● ●	◐ ◐ ○	○ ○
Hydrofluoric Acid + Chromium Sulfate + Sodium Silicofluoride 氫氟酸＋硫酸鉻＋氟矽化鈉	220 g/L 1 g/L 12 g/L	● ◐ ◐	● ◐ ◐ ◐	×	● ● ● ● ●	● ● ● ● ●	×	×
Hydrofluoric Acid + Sodium Silicofluoride + Oxalic Acid 氫氟酸＋氟矽化鈉＋草酸	350 g/L 17 g/L 1 g/L	● ◐ ○	● ◐ ○	×	● ● ● ● ●	● ● ● ● ◐	×	×
Hydrochloric Acid + Ferrous Chloride 氫氯酸＋氯化亞鐵	25 28				● ● ● ● ●	● ● ● ● ●		● ● ● ◐
Hydrochloric Acid + Hydrofluoric Acid 氫氯酸＋氫氟酸	10 15	● ◐ ◐ ×	● ◐ ◐ ×		● ● ● ● ●	● ● ● ● ●		
Hydrochloric Acid + Hydrofluoric Acid 氫氯酸＋氫氟酸	18 20	● ◐ ◐	● ◐ ◐ ◐ ×		● ● ● ● ●	● ● ● ● ●		
Hydrochloric Acid + Nitric Acid 氫氯酸＋硝酸	20 50	● ● ◐	● ● ◐ ○	◐ ○ ×	● ● ● ● ●	● ● ● ● ●	● ◐	◐
Hydrochloric Acid + Ortho-Chlorophenol 氫氯酸＋鄰氯苯酚	36 170 ppm	◐ ◐ ◐	◐ ◐ ◐	◐ ◐ ◐	● ● ● ● ◐	● ● ● ● ●	◐ ◐ ◐ ◐ ○	◐ ◐ ○
Hydrochloric Acid + Sulfuric Acid 氫氯酸＋硫酸 ＊同條件兩列評等不同（原表如此），請洽業務	36 98	◐ ×	◐ ×	×	● ● ● ◐ ○	● ● ● ● ●	×	×
Hydrochloric Acid + Sulfuric Acid 氫氯酸＋硫酸	20 5	● ● ◐	● ◐ ◐ ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ◐
Hydrochloric Acid + Sulfuric Acid 氫氯酸＋硫酸 ＊同條件兩列評等不同（原表如此），請洽業務	36 98	● ● ◐	● ● ◐ ◐	● ● ◐ ◐	● ● ● ● ●	● ● ● ● ●	×	×
Hydrofluoric Acid + Ammonium Fluoride 氫氟酸＋氟化銨	250 g/L 8 g/L	● ● ◐	● ● ◐ ○	×	● ● ● ● ●	● ● ● ● ●	×	×
Hydrochloric Acid + Ferric Chloride 氫氯酸＋氯化鐵	25 28	● ● ●	● ● ● ● ◐	● ● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ○	● ● ● ◐ ○
Hydrochloric Acid + Ferrous Chloride 氫氯酸＋氯化亞鐵	20 28				● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ○	● ● ● ◐ ○

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　× 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

化學品 Chemical	濃度 %	PVC 硬質聚氯乙烯 20 40 60 80 100	CPVC 氯化聚氯乙烯 20 40 60 80 100	PP 聚丙烯 20 40 60 80 100	PVDF 聚偏二氟乙烯 20 40 60 80 100	PTFE 鐵氟龍 20 40 60 80 100	FKM 氟橡膠 20 40 60 80 100	EPDM 乙丙橡膠 20 40 60 80 100
Nitric Acid + Hydrofluoric Acid 硝酸＋氫氟酸	15 3	● ● ◐ ✕ ✕	● ● ◐ ✕ ✕	● ● ◐	● ● ● ● ●	● ● ● ● ●		
Nitric Acid + Hydrofluoric Acid 硝酸＋氫氟酸	15 5	● ● ◐ ✕	● ● ○ ✕	● ● ✕	● ● ● ● ●	● ● ● ● ●	● ● ◐ ◐ ○	● ◐
Nitric Acid + Hydrofluoric Acid 硝酸＋氫氟酸	15 10	● ◐ ◐ ✕	◐ ○ ○ ✕	◐ ◐	● ● ● ● ◐	● ● ● ● ●		
Nitric Acid + Hydrofluoric Acid 硝酸＋氫氟酸	15 15	● ◐ ◐ ✕	◐ ○ ○ ✕	◐ ◐	● ● ● ● ◐	● ● ● ● ●		
Nitric Acid + Hydrofluoric Acid 硝酸＋氫氟酸	5 20	● ◐ ◐ ✕	● ◐ ◐ ◐ ✕		● ● ● ● ◐	● ● ● ● ●		
Nitric Acid + Sulfuric Acid 硝酸＋硫酸	50（100 g） 50（100 g）	◐ ✕	◐ ✕	◐ ✕	● ● ● ● ●	● ● ● ● ●		
Sulfuric Acid + Chromic Acid 硫酸＋鉻酸	2 1	● ◐ ◐	● ● ◐ ◐ ○	◐ ○ ✕	● ● ● ● ●	● ● ● ● ●	● ◐ ○ ✕	◐
Sulfuric Acid + Chromic Acid 硫酸＋鉻酸	10 10	● ◐ ○	◐ ◐ ✕	✕	● ● ● ● ●	● ● ● ● ●	● ◐ ○	◐
Sulfuric Acid + Chromic Acid 硫酸＋鉻酸	10 25	● ◐ ○	◐ ◐ ✕	✕	● ● ● ● ●	● ● ● ● ●	◐ ○ ✕	○
Sulfuric Acid + Chromic Acid 硫酸＋鉻酸	4 g/L 400 g/L	● ◐ ◐	◐ ◐ ◐ ○	✕	● ● ● ● ●	● ● ● ● ●	✕	✕
Sulfuric Acid + Chromic Acid + Phosphoric Acid 硫酸＋鉻酸＋磷酸	15 parts 5 80	● ● ◐	● ● ● ◐	✕	● ● ● ● ●	● ● ● ● ●	● ● ◐ ○ ✕	◐ ◐ ○ ✕
Sulfuric Acid + Chromic Acid + Water 硫酸＋鉻酸＋水	2 parts 10 80	● ● ◐	● ● ◐ ◐	✕	● ● ● ● ●	● ● ● ● ●	● ◐ ○ ✕	✕ ✕
Sulfuric Acid + Chromic Acid + Sodium Silicofluoride 硫酸＋鉻酸＋氟矽化鈉	0.7 250 1	● ● ◐	● ● ◐ ◐	✕	● ● ● ● ●	● ● ● ● ●	✕	✕
Sulfuric Acid + Hydrochloric Acid 硫酸＋氫氯酸	20 10	● ◐ ◐	● ◐ ◐ ○	✕	● ● ● ● ●	● ● ● ● ●	● ◐ ○	● ◐ ○
Sulfuric Acid + Hydrofluoric Acid 硫酸＋氫氟酸	25 15	● ◐ ◐ ✕	● ◐ ◐ ✕	✕	● ● ● ● ◐	● ● ● ● ●		
Sulfuric Acid + Nitric Acid + Chlorine Gas 硫酸＋硝酸＋氯氣	75 5 少量	● ● ◐	● ● ◐ ◐	◐ ◐ ○	● ● ● ●	● ● ● ● ●		
Sulfuric Acid + Sulfurous Acid 硫酸＋亞硫酸	75 4	● ● ●	● ● ● ◐	● ◐ ◐ ◐	● ● ● ● ●	● ● ● ● ●	● ◐ ○ ✕	● ● ◐ ○ ✕
Sulfuric Acid + Spelter + Manganese Sulfate 硫酸＋粗鋅＋硫酸錳	150 80 2	● ● ●	● ● ● ◐	● ● ● ◐	● ● ● ● ●	● ● ● ● ●	● ● ● ◐ ○	● ● ● ◐ ○
Sodium Sulfide + Sulfuric Acid + Formaldehyde 硫化鈉＋硫酸＋甲醛	225 225 50	● ●	● ● ● ◐	● ● ● ◐	● ● ● ◐ ◐	● ● ● ◐ ◐	● ● ● ● ●	● ● ●

● 不侵蝕（使用良好） Excellent　◐ 大致不侵蝕（可使用） Good　○ 視情形使用 Fair · conditional　✕ 侵蝕（不可使用） Not recommended　□ 無資料，請洽詢 No data

本表為耐蝕參考值，實際使用請依濃度、溫度、壓力及混合條件試驗確認。淡色＝超過材質工作溫度上限，僅供參考。

中文索引 INDEX · 依注音排序

ㄅ

巴豆醛 Croton Aldehyde 06
玻璃蝕刻液 White Acid 18
柏油 Asphalt 03
白磷 Phosphorus Yellow 13
白酸 White Acid 18
白液 White Liquor 18
白油 Mineral Oil 11
倍異丁烯 Diisobutylene 07
苯 Benzene 03
苯酚 Phenol 12
苯磺酸 Benzene Sulfonic Acid 03
苯甲醛 Benzaldehyde 03
苯甲醇 Benzyl Alcohol 03
苯甲酸 Benzoic Acid 03
苯甲酸苄酯 Benzyl Benzoate 03
苯甲酸鈉 Sodium Benzoate 15
苯肼 Phenylhydrazine 12
苯基二硫 Phenyl Bisulfide 12
苯胺 Aniline 03
苯胺鹽酸鹽 Aniline Hydrochloride 03
苯乙酮 Acetophenone 02
苯乙烯 Styrene 16
吡啶 Pyridine 14
蓖麻油 Castor Oil 05
表氯醇 Epichlorohydrin 07
苄基氯 Benzyl Chloride 03
苄醇 Benzyl Alcohol 03
丙酮 Acetone 02
丙酮 Acetone Aqueous 02
丙基丙酮 Propyl Acetone 14
丙烯腈 Acrylonitrile 02
丙烯酸丁酯 Butyl Acrylate 04
丙烯酸甲酯 Methyl Acrylate 11
丙烯酸乙酯 Acrylic Acid Ethyl Ester 02
丙烯酸乙酯 Ethyl Acrylate 07
丙醇 Propyl Alcohol 14
丙三醇 Glycerol (Glycerine) 08
丙烷 Propane 14
冰晶石 Cryolite 06
冰醋酸 Acetic Acid (Glacial) 02
冰乙酸 Acetic Acid (Glacial) 02

ㄆ

噴漆 Lacquer 10
硼砂 Borax 04
硼砂 Sodium Borate 15
硼酸 Boric Acid 04
硼酸鉀 Potassium Borate 13
硼酸戊酯 Amyl Borate 03
啤酒 Beer 03
漂白劑 Bleaching Agent 04
漂白水 Sodium Hypochlorite 15
漂粉精 Calcium Hypochlorite 04
偏磷酸銨 Ammonium Metaphosphate 03
偏矽酸鈉 Sodium Metasilicate 15
普鈣 Perphosphate 12
葡萄糖 Dextrose 06
葡萄糖 Glucose 08
葡萄糖 Grape Sugar 09
葡萄酒 Wines 18
撲滅松 Sumithion (Insecticide) 16

ㄇ

馬達油 Motor Oil 11
馬來酸 Maleic Acid 10
煤焦油 Tar 16
沒食子酸 Gallic Acid 08
煤油 Kerosene 10
芒硝 Sodium Sulfate 15
醚 Ethers 07
棉籽油 Cottonseed Oil 06
棉子油 Cottonseed Oil 06
明礬 Alum (Potassium Alum) 02
明礬 Potassium Alum 13
明膠 Gelatin 08
木餾油 Creosote 06

ㄈ

發煙硫酸 Oleum 12
發煙硝酸 Nitric Acid 12
肥皂 Soaps 14
肥酸 Adipic Acid Aqueous 02
凡士林 Vaseline (Petrolatum) 17
番茄汁 Tomato Juice 17
氟硼酸 Borofluoric Acid 04
氟硼酸 Fluoboric Acid 08
氟硼酸銅 Copper Borofluoride 05
福馬林 Formaldehyde 08
氟利昂 F-11 Freon F-11 08
氟利昂 F-113 Freon F-113 08
氟利昂 F-114 Freon F-114 08
氟利昂 F-12 Freon F-12 08
氟利昂 F-21 Freon F-21 08
氟利昂 F-22 Freon F-22 08
氟化銅 Copper Fluoride 06
氟化銅 Cupric Fluoride 06
氟化鈉 Sodium Fluoride 15
氟化鋁 Aluminum Fluoride 02
氟化鉀 Potassium Fluoride 14
氟化氫銨 Ammonium Bifluoride 02
氟化銨 Ammonium Fluoride 03
氟氣 Fluorine Gas 08
氟矽酸 Fluosilicic Acid 08
呋喃 Furan 08

ㄉ

大豆油 Soybean Oil 16
大蘇打 Sodium Thiosulfate 15
豆油 Soybean Oil 16
單寧酸 Tannic Acid (Tannin) 16
單甲基苯胺 Monomethylaniline 11
單乙醇胺 Ethanolamine 07
單乙醇胺 Monoethanolamine 11
燈油 Kerosene 10
第三丁基鄰苯二酚 Tertiary Butyl Catechol 17
第三丁醇 Tertiary Butyl Alcohol 17
低汽油 Benzine 03
碘 Iodine 09
碘化鉀 Potassium Iodide 14
碘溶液 Iodine Solution 09
碘液 Iodine Solution 09
澱粉 Starch 16
電石氣 Acetylene 02
丁醚 Butyl Ether 04
丁醚 Dibutyl Ether 06
丁酮 Methyl Ethyl Ketone 11
丁硫醇 Butyl Mercaptan 04
丁卡必醇 Butyl Carbitol 04
丁基苯酚 Butyl Phenol 04
丁基卡必醇 Butyl Carbitol 04
丁基溴 Butyl Bromide 04
丁基賽路蘇 Butyl Cellosolve 04
丁烯 Butylene 04
丁烯醛 Croton Aldehyde 06
丁醇 Butyl Alcohol 04
丁酸 Butyric Acid 04
丁胺 Butyl Amine 04
丁二烯 Butadiene 04
丁二醇 Butyl Diol 04
丁二酸 Amber Acid (Succinic Acid) 02
丁二酸 Succinic Acid 16
2-丁氧基乙醇 Butyl Cellosolve 04
丁烷 Butane 04
鍍銅液 Plating Solutions (Copper) 13
鍍鎳液 Plating Solutions (Nickel) 13
鍍銠液 Plating Solutions (Rhodium) 13
鍍鎘液 Plating Solutions (Cadmium) 13
鍍鉻液 Plating Solutions (Chrome) 13
鍍黃銅液 Plating Solutions (Brass) 13
鍍金液 Plating Solutions (Gold) 13
鍍鉛液 Plating Solutions (Lead) 13
鍍鋅液 Plating Solutions (Zinc) 13
鍍錫液 Plating Solutions (Tin) 13
杜松子酒 Gin 08
鍍銀液 Plating Solutions (Silver) 13
對苯二酚 Hydroquinone 09
動物膠 Gelatin 08
動物油 Animal Oil (Lard) 03

ㄊ

酞酸 Phthalic Acid 13
酞酸二丁酯 Butyl Phthalate 04
酞酸二丁酯 Dibutyl Phthalate 06
酞酸二甲酯 Dimethyl Phthalate 07
酞酸二辛酯 Dioctyl Phthalate 07
碳醯氯 Phosgene Gas 12
碳酸 Carbonic Acid 05
碳酸鋇 Barium Carbonate 03
碳酸鎂 Magnesium Carbonate 10
碳酸銅 Copper Carbonate 05
碳酸鈉 Sodium Carbonate 15
碳酸鈣 Calcium Carbonate 04
碳酸鉀 Potash 13
碳酸鉀 Potassium Carbonate 13
碳酸氫鈉 Sodium Bicarbonate 15
碳酸氫鉀 Potassium Bicarbonate 13
碳酸銨 Ammonium Carbonate 02
鐵氰化鈉 Sodium Ferricyanide 15
鐵氰化鉀 Potassium Ferricyanide 14
甜菜糖液 Beet Sugar Liquors 03
天然氣 Gas, Natural 08
妥爾油 Tall Oil 16

ㄋ

鈉 Sodium 14, 15
鈉明礬 Sodium Alum 15
鈉礬 Sodium Alum 15
萘 Naphthalene 11
尼古丁 Nicotine 11
尿 Urine 17
尿素 Urea 17
尿液 Urine 17
牛奶 Milk 11
黏著劑 Glue 08
檸檬酸 Citric Acid 05
檸檬酸鎂 Magnesium Citrate 10
檸檬酸咖啡鹼 Caffeine Citrate 04
檸檬酸咖啡因 Caffeine Citrate 04
檸檬油 Lemon Oil 10

ㄌ

酪蛋白 Casein 05
酪素 Casein 05
酪酸 Butyric Acid 04
瀝青 Asphalt 03
柳醛 Salicylaldehyde 14
柳酸 Salicylic Acid 14
硫代硫酸鈉 Sodium Thiosulfate 15
硫化鋇 Barium Sulfide 03
硫化鐵 Ferric Sulfide 08
硫化鈉 Sodium Sulfide 15
硫化鈉＋硫酸＋甲醛 Sodium Sulfide + Sulfuric Acid + F... 19
硫化鈣 Calcium Sulfide 05
硫化氫 Hydrogen Sulfide 09
硫化氫水溶液 Hydrogen Sulfide Aqueous 09
硫化銨 Ammonium Sulfide 03
硫磺 Sulfur 16
硫黃 Sulfur 16
硫氰化鈉 Sodium Thiocyanate 15
硫氰化物 Rhodan Salts 14
硫氰酸鈉 Sodium Thiocyanate 15
硫氰酸鹽 Rhodan Salts 14
硫氫化鈣 Calcium Bisulfide 04
硫酸 Sulfuric Acid 16
硫酸鋇 Barium Sulfate 03
硫酸鎂 Magnesium Sulfate 10
硫酸錳 Manganese Sulfate 10
硫酸鈦 Titanic Sulfate 17
硫酸鈦 Titanous Sulfate 17
硫酸銅 Copper Sulfate 06
硫酸銅 Cupric Sulfate 06
硫酸鈉 Sodium Sulfate 15
硫酸鎳 Nickel Sulfate 11
硫酸鋁 Aluminum Sulfate 02
硫酸鋁鈉 Sodium Alum 15
硫酸鋁鉀 Alum (Potassium Alum) 02
硫酸鋁鉀 Potassium Aluminum Sulfate 13
硫酸鋁銨 Aluminum Ammonium Sulfate (Alum) 02
硫酸鉻鉀 Chromium Alum 05
硫酸＋鉻酸 Sulfuric Acid + Chromic Acid 19

硫酸＋鉻酸＋氟矽化鈉 Sulfuric Acid + Chromic Acid + ... 19
硫酸＋鉻酸＋磷酸 Sulfuric Acid + Chromic Acid + Phos... 19
硫酸＋鉻酸＋水 Sulfuric Acid + Chromic Acid + Water 19
硫酸鈣 Calcium Sulfate 05
硫酸高鈦 Titanic Sulfate 17
硫酸汞 Mercuric Sulfate 10
硫酸鉀 Potassium Sulfate 14
硫酸鉛 Lead Sulfate 10
硫酸＋氫氟酸 Sulfuric Acid + Hydrofluoric Acid 19
硫酸氫鈉 Sodium Bisulfate 15
硫酸＋氫氯酸 Sulfuric Acid + Hydrochloric Acid 19
硫酸氫鉀 Potassium Bisulfate 13
硫酸＋硝酸＋氯氣 Sulfuric Acid + Nitric Acid + Chlorine ... 19
硫酸鋅 Zinc Sulfate 18
硫酸＋粗鋅＋硫酸錳 Sulfuric Acid + Spelter + Mangane... 19
硫酸銨 Ammonium Sulfate 03
硫酸亞鈦 Titanous Sulfate 17
硫酸亞鐵 Ferrous Sulfate 08
硫酸＋亞硫酸 Sulfuric Acid + Sulfurous Acid 19
硫酸鹽液 Sulfate Liquors (Oil) 16
硫酸銀 Silver Sulfate 14
六氟矽酸 Fluosilicic Acid 08
聯氨 Hydrazine 09
聯胺 Hydrazine 09
煉焦爐氣 Coke Oven Gas 05
鄰苯二甲酸 Phthalic Acid 13
鄰苯二甲酸二丁酯 Butyl Phthalate 04
鄰苯二甲酸二丁酯 Dibutyl Phthalate 06
鄰苯二甲酸二甲酯 Dimethyl Phthalate 07
鄰苯二甲酸二辛酯 Dioctyl Phthalate 07
鄰羥苯甲醛 Salicylaldehyde 14
鄰羥苯甲酸 Salicylic Acid 14
磷酸 Phosphoric Acid 13
磷酸氫二鈉 Disodium Phosphate 07
磷酸氫二鈉 Sodium Phosphate Neutral 15
磷酸三丁酯 Tributyl Phosphate 17
磷酸三鈉 Sodium Phosphate Alkaline 15
磷酸銨 Ammonium Phosphate 03
磷酸二氫鈉 Sodium Phosphate Acid 15
磷酸二氫鈣 Perphosphate 12
磷酸一氫鈉 Disodium Phosphate 07
滷水 Brine 04
氯苯 Chlorobenzene 05
氯苯 Monochlorobenzene 11
3-氯丙烯 Allyl Chloride 02
氯丙烯 Allyl Chloride 02
2-氯丙烷 Isopropyl Chloride 09
綠礬 Ferrous Sulfate 08
氯仿 Chloroform 05
氯丁烷 Butyl Chloride 04
氯化鋇 Barium Chloride 03
氯化苄 Benzyl Chloride 03
氯化鎂 Magnesium Chloride 10
氯化銻 Antimony Trichloride 03
氯化鐵 Ferric Chloride 08
氯化銅 Copper Chloride 05
氯化鈉 Sodium Chloride 15
氯化鎳 Nickel Chloride 11
氯化硫 Sulfur Chloride 16
氯化鋁 Aluminum Chloride 02
氯化鈣 Calcium Chloride 04
氯化汞 Mercuric Chloride 10
氯化鉀 Potassium Chloride 14
氯化鉛 Lead Chloride 10
氯化錫 Stannic Chloride (Tin(IV) Chloride) 16
氯化鋅 Zinc Chloride 18
氯化溶劑 Chlorinated Solvents 05
氯化銨 Ammonium Chloride 03
氯化乙醯 Acetyl Chloride 02
氯化異丙烷 Isopropyl Chloride 09
氯化亞鐵 Ferrous Chloride 08
氯化亞銅 Cuprous Chloride 06
氯化亞錫 Stannous Chloride (Tin(II) Chloride) 16
氯化戊基 Amyl Chloride 03
氯磺酸 Chlorosulfonic Acid 05
α-氯甲苯 Benzyl Chloride 03
氯甲烷 Methyl Chloride 11
氯氣 Chlorine Gas 05
氯水 Chlorine Water 05
氯醋酸 Monochloroacetic Acid 11
氯酸 Chloric Acid 05
氯酸鈉 Sodium Chlorate 15
氯酸鈣 Calcium Chlorate 04
氯酸鉀 Potassium Chlorate (Aqueous) 13
氯胺 Chloramine 05
氯二氟甲烷 Freon F-22 08
2-氯乙醇 Ethylene Chlorohydrin 07
氯乙醇 Ethylene Chlorohydrin 07
氯乙酸 Monochloroacetic Acid 11
氯乙烷 Ethyl Chloride 07

ㄍ

鉻明礬 Chromium Alum 05
鉻礬 Chromium Alum 05
鉻酸 Chromic Acid 05
鉻酸鉀 Potassium Chromate 14
高錳酸鉀 Potassium Permanganate 14
高硫分原油 Sour Crude Oil 16
高氯酸 Perchloric Acid 12
高氯酸鈉 Sodium Perchlorate 15
高氯酸鉀 Potassium Perchlorate 14
高油 Tall Oil 16
枸櫞酸 Citric Acid 05
橄欖油 Olive Oil 12
甘醇酸 Glycolic Acid 08
甘油 Glycerol (Glycerine) 08
甘油三乙酸酯 Triacetin 17
庚烷 Heptane 09
果糖 Fructose 08
果汁 Fruit Juice 08
過硼酸鈉 Sodium Perborate 15
過硼酸鉀 Potassium Perborate 14
過錳酸鉀 Potassium Permanganate 14
過硫酸鉀 Potassium Persulfate 14
過磷酸鈣 Perphosphate 12
過氯酸 Perchloric Acid 12
過氯酸鈉 Sodium Perchlorate 15
過氯酸鉀 Potassium Perchlorate 14
過氧硼酸鈉 Sodium Perborate 15
過氧硼酸鉀 Potassium Perborate 14
過氧化氮 Nitrogen Dioxide 12
過氧化鈉 Sodium Peroxide 15
過氧化氫 Hydrogen Peroxide 09
癸二酸二丁酯 Dibutyl Sebacate 06
癸烷 Decane 06
光氣 Phosgene Gas 12
光氣液 Phosgene Liquid 13
汞 Mercury 10

ㄎ

卡必醇 Carbitol 05
苛性鈉 Sodium Hydroxide 15
苛性鉀 Caustic Potash 05
苛性鉀 Potassium Hydroxide 14
糠醛 Furfural 08
糠醇 Furfuryl Alcohol 08
苦味酸 Picric Acid 13
礦脂 Vaseline (Petrolatum) 17
礦物油 Mineral Oil 11

ㄏ

海波 Sodium Thiosulfate 15
海水 Water (Sea Water) 17
黑液 Black Liquor 03
含硫汽油 Gasoline Sour 08
含硫原油 Sour Crude Oil 16
含氯溶劑 Chlorinated Solvents 05
含鉛汽油 Gasoline Leaded 08
含水的乙醛 Acetaldehyde Aqueous 02
航空煤油 Jet Fuel JP-5 10
航空燃油 JP-4 Jet Fuel JP-4 09
航空燃油 JP-5 Jet Fuel JP-5 10
琥珀酸 Amber Acid (Succinic Acid) 02
琥珀酸 Succinic Acid 16
糊精 Dextrin 06
花生油 Peanut Oil 12
火油 Kerosene 10
環己酮 Cyclohexanone 06
環己醇 Cyclohexanol 06
環己烷 Cyclohexane 06
環氧丙烷 Propylene Oxide 14
環氧氯丙烷 Epichlorohydrin 07
環氧乙烷 Ethylene Oxide 07
黃銅電鍍液 Plating Solutions (Brass) 13
黃磷 Phosphorus Yellow 13
黃血鈉 Sodium Ferrocyanide 15
黃血鹽 Potassium Ferrocyanide 14
紅礬鈉 Sodium Bichromate 15
紅礬鉀 Potassium Bichromate 13
紅礬鉀 Potassium Dichromate 14
紅磷 Phosphorus Red 13

ㄐ

2-己酮 Propyl Acetone 14
己醇 Hexyl Alcohol 09
己二酸 Adipic Acid Aqueous 02
己烷 Hexane 09
吉利丁 Gelatin 08
機械潤滑油 Machine Oil 10
機械油 Machine Oil 10
甲苯 Toluene (Toluol) 17
甲醚 Methyl Ether 11
鉀明礬 Potassium Alum 13
鉀明礬 Potassium Aluminum Sulfate 13
鉀礬 Alum (Potassium Alum) 02
鉀礬 Potassium Alum 13
甲酚 Cresol 06
甲磺酸 Methane Sulfonic Acid 11
N-甲基苯胺 Monomethylaniline 11
3-甲基-2-丁酮 Methyl Isopropyl Ketone 11
甲基丁基酮 Propyl Acetone 14
甲基氯仿 Methyl Chloroform 11
甲基磺酸 Methane Sulfonic Acid 11
鉀鹼 Potash 13
甲基乙基酮 Methyl Ethyl Ketone 11
甲基異丙基酮 Methyl Isopropyl Ketone 11
甲基異丁基酮 Methyl Isobutyl Ketone 11
甲基異丁基甲醇 Methyl Isobutyl Carbinol 11
甲醛 Formaldehyde 08
甲醇 Methyl Alcohol 11
甲酸 Formic Acid 08
甲酸甲酯 Methyl Formate 11
甲酸乙酯 Ethyl Formate 07
甲胺 Methyl Amine 11
2-甲氧基乙醇 Methyl Cellosolve 11
甲烷 Methane 11
甲烷磺酸 Methane Sulfonic Acid 11
加鉛汽油 Gasoline Leaded 08
膠 Glue 08
焦硫酸 Oleum 12
焦爐煤氣 Coke Oven Gas 05
焦爐氣 Coke Oven Gas 05
膠水 Glue 08
焦油 Tar 16
酒 Wines 18
酒精 Ethyl Alcohol 07
酒石酸 Tartaric Acid (Dioxysuccinic Acid) 16
鹼性磷酸鈉 Sodium Phosphate Alkaline 15
機油 Motor Oil 11
聚矽氧油 Silicone Oil 14
聚醋酸乙烯酯 Polyvinyl Acetate 13
聚乙烯醇 Polyvinyl Alcohol 13
聚乙酸乙烯酯 Polyvinyl Acetate 13
聚乙二醇 Polyethylene Glycol 13

ㄑ

漆 Lacquer 10
七水硫酸鎂 Epsom Salt 07
琴酒 Gin 08
羥基乙酸 Glycolic Acid 08
氫 Hydrogen 09
氰化銅 Copper Cyanide 06
氰化銅鉀 Potassium Copper Cyanide 14
氰化鈉溶液 Sodium Cyanide (Solution) 15
氰化汞 Mercuric Cyanide 10
氰化鉀 Potassium Cyanide 14
氰化氫 Hydrocyanic Acid 09
氰化亞銅 Copper Cyanide 06
氰化亞銅鉀 Potassium Copper Cyanide 14
氰化銀 Silver Cyanide 14
氰甲烷 Acetonitrile 02
氫氟硼酸 Fluoboric Acid 08
氫氟矽酸 Fluosilicic Acid 08
氫氟酸 Hydrofluoric Acid 09
氫氟酸＋氟化銨 Hydrofluoric Acid + Ammonium Fluoride 18
氫氟酸＋氟矽化鈉＋草酸 Hydrofluoric Acid + Sodium S... 18
氫氟酸＋硫酸鉻＋氟矽化鈉 Hydrofluoric Acid + Chromi... 18
氫硫化鈣 Calcium Bisulfide 04
氫硫酸 Hydrogen Sulfide Aqueous 09
氫氯化苯胺 Aniline Hydrochloride 03
氫氯酸 Hydrochloric Acid 09
氫氯酸＋苯 Hydrochloric Acid + Benzene 18
氫氯酸＋硫酸 Hydrochloric Acid + Sulfuric Acid 18
氫氯酸＋鄰氯苯酚 Hydrochloric Acid + Ortho-Chloroph... 18
氫氯酸＋氯苯 Hydrochloric Acid + Chlorobenzene 18

氫氯酸＋3-氯丙烯 Hydrochloric Acid + Allyl Chloride 18
氫氯酸＋氯化鐵 Hydrochloric Acid + Ferric Chloride 18
氫氯酸＋氯化亞鐵 Hydrochloric Acid + Ferrous Chloride 18
氫氯酸＋氫氟酸 Hydrochloric Acid + Hydrofluoric Acid 18
氫氯酸＋硝酸 Hydrochloric Acid + Nitric Acid 18
氫醌 Hydroquinone 09
清漆 Varnish 17
氫氣 Hydrogen 09
氫氰酸 Hydrocyanic Acid 09
氫溴酸 Hydrobromic Acid 09
輕油 Naphtha 11
氫氧化鋇 Barium Hydroxide 03
氫氧化鎂 Magnesium Hydroxide 10
氫氧化鐵 Ferric Hydroxide 08
氫氧化鈉 Sodium Hydroxide 15
氫氧化鋁 Aluminum Hydroxide 02
氫氧化鈣 Calcium Hydroxide 04
氫氧化鉀 Caustic Potash 05
氫氧化鉀 Potassium Hydroxide 14
氫氧化四甲銨 Tetramethyl Ammonium Hydroxide 17
氫氧化銨 Ammonium Hydroxide 03
氫氧化亞鐵 Ferrous Hydroxide 08
全氯乙烯 Perchloroethylene 12
全氯乙烯 Tetrachloroethylene 17

ㄒ

矽利康油 Silicone Oil 14
矽酸 Silicic Acid 14
矽酸鈉 Sodium Metasilicate 15
矽油 Silicone Oil 14
烯丙基氯 Allyl Chloride 02
烯丙醇 Allyl Alcohol 02
瀉鹽 Epsom Salt 07
瀉鹽 Magnesium Sulfate 10
小蘇打 Sodium Bicarbonate 15
笑氣 Nitrous Oxide 12
硝基苯 Nitrobenzene 12
硝基甲烷 Nitromethane 12
硝基漆 Lacquer 10
硝基乙烷 Nitroethane 12
硝石 Potassium Nitrate 14
消石灰 Calcium Hydroxide 04
硝酸 Nitric Acid 12
硝酸鋇 Barium Nitrate 03
硝酸鎂 Magnesium Nitrate 10
硝酸鐵 Ferric Nitrate 08
硝酸銅 Copper Nitrate 06
硝酸鈉 Sodium Nitrate 15
硝酸鎳 Nickel Nitrate 11
硝酸＋硫酸 Nitric Acid + Sulfuric Acid 19
硝酸鋁 Aluminum Nitrate 02
硝酸鈣 Calcium Nitrate 05
硝酸鉀 Potassium Nitrate 14
硝酸鉛 Lead Nitrate 10
硝酸＋氫氟酸 Nitric Acid + Hydrofluoric Acid 19
硝酸鋅 Zinc Nitrate 18
硝酸銨 Ammonium Nitrate 03
硝酸亞鐵 Ferrous Nitrate 08
硝酸亞汞 Mercurous Nitrate 10
硝酸銀 Silver Nitrate 14
溴苯 Monobromobenzene 11
溴化丁基 Butyl Bromide 04
溴化鈉 Sodium Bromide 15
溴化鋰 Lithium Bromide 10
溴化鋁 Aluminum Bromide 02
溴化鉀 Potassium Bromide 13
溴化乙醯 Acetyl Bromide 02
溴甲烷 Methyl Bromide 11
溴蒸氣 Bromine Vapor 04
溴蒸汽 Bromine Vapor 04
溴水 Bromine Water 04
溴酸 Bromic Acid 04
溴酸鉀 Potassium Bromate 13
辛烯 Octene 12
辛酸 Caprylic Acid 05
辛烷 Octane 12

ㄓ

酯 Esters 07
植物油 Vegetable Oil 17
智利硝石 Sodium Nitrate 15
脂肪酸 Fatty Acids 07
蔗糖液 Cane Sugar Liquors 05
照相溶液 Photographic Solutions 13
正丙醇 Propyl Alcohol 14
正丁胺 Butyl Amine 04
正庚烷 Heptane 09
正己醇 Hexyl Alcohol 09
正己烷 Hexane 09
正辛烷 Octane 12
蒸餾水 Water (Distilled Water) 17
豬脂 Animal Oil (Lard) 03
豬脂油 Lard Oil 10
重碳酸鉀 Potassium Bicarbonate 13
重鉻酸鈉 Sodium Bichromate 15
重鉻酸鉀 Potassium Bichromate 13
重鉻酸鉀 Potassium Dichromate 14
中性磷酸鈉 Sodium Phosphate Neutral 15
豬油 Animal Oil (Lard) 03
豬油 Lard Oil 10

ㄔ

赤血鹽 Potassium Ferricyanide 14
柴油 Diesel Fuels 06
臭氧 Ozone 12
純鹼 Sodium Carbonate 15
沖印藥液 Photographic Solutions 13

ㄕ

十八碳二烯酸 Linoleic Acid 10
十八酸 Stearic Acid 16
石炭酸 Phenol 12
石腦油 Naphtha 11
石蠟 Paraffin 12
石蠟油 Paraffin 12
十六酸 Palmitic Acid 12
十六酸鈉 Sodium Palmitate (Solution) 15
十氫萘 Decalin 06
十氫化萘 Decalin 06
食醋 Vinegar 17
十二醯氯 Lauroyl Chloride 10
十二酸 Lauric Acid 10
十二烷酸 Lauric Acid 10
石油 Petroleum Oils 12
石油醚 Benzine 03
石油腦 Naphtha 11
石油類油品 Petroleum Oils 12
石油精 Benzine 03
石油精 Naphtha 11
食鹽 Sodium Chloride 15
食鹽水 Water (Salt Water) 17
殺蜈松 Sumithion (Insecticide) 16
燒鹼 Sodium Hydroxide 15
燒鹼液 White Liquor 18
砷酸 Arsenic Acid 03
昇汞 Mercuric Chloride 10
熟石灰 Calcium Hydroxide 04
叔丁醇 Tertiary Butyl Alcohol 17
水 Water 17
水銀 Mercury 10
水楊醛 Salicylaldehyde 14
水楊酸 Salicylic Acid 14
順丁烯二酸 Maleic Acid 10
雙醚 Dichloroisopropyl Ether 06
雙氧水 Hydrogen Peroxide 09

ㄖ

鞣革液 Tanning Liquors 16
鞣酸 Tannic Acid (Tannin) 16
鞣液 Tanning Liquors 16
乳酸 Lactic Acid 10
軟脂酸 Palmitic Acid 12
軟脂酸鈉 Sodium Palmitate (Solution) 15
潤滑油 Lubricating Oil (ASTM 1) 10
潤滑油 Lubricating Oil (ASTM 2) 10
潤滑油 Lubricating Oil (ASTM 3) 10

ㄗ

雜酚油 Creosote 06
棕櫚酸 Palmitic Acid 12
棕櫚酸鈉 Sodium Palmitate (Solution) 15
棕櫚酸鈉溶液 Sodium Palmitate (Solution) 15

ㄘ

次氯酸 Hypochlorous Acid 09
次氯酸鈉 Sodium Hypochlorite 15
次氯酸鈣 Calcium Hypochlorite 04
次氯酸鉀 Potassium Hypochlorite 14
草酸 Oxalic Acid 12
草酸二乙酯 Ethyl Oxalate 07
醋 Vinegar 17
醋酮 Acetone 02
醋酐 Acetic Anhydride 02
醋醛 Acetaldehyde 02
醋醛 Acetaldehyde Aqueous 02
醋酸 Acetic Acid 02
醋酸丙酯 Propyl Acetate 14
醋酸銅 Copper Acetate 05
醋酸鈉 Sodium Acetate 15
醋酸鎳 Nickel Acetate 11
醋酸鋁 Aluminum Acetate 02
醋酸鈣 Calcium Acetate 04
醋酸酐 Acetic Anhydride 02
醋酸鉀 Potassium Acetate 13
醋酸甲酯 Methyl Acetate 11
醋酸鉛 Lead Acetate 10
醋酸鋅 Zinc Acetate 18
醋酸銨 Ammonium Acetate 02
醋酸乙烯酯 Vinyl Acetate 17
醋酸乙酯 Ethyl Acetate 07
醋酸異丙酯 Isopropyl Acetate 09
醋酸戊酯 Amyl Acetate 03

ㄙ

四硼酸鈉 Borax 04
四硼酸鈉 Sodium Borate 15
四硼酸鉀 Potassium Borate 13
四氟硼酸 Borofluoric Acid 04
四氟硼酸 Fluoboric Acid 08
四氟硼酸銅 Copper Borofluoride 05
四氯化鈦 Titanium Tetrachloride 17
四氯化碳 Carbon Tetrachloride 05
四氯化錫 Stannic Chloride (Tin(IV) Chloride) 16
四氯乙烯 Perchloroethylene 12
四氯乙烯 Tetrachloroethylene 17
四氯乙烷 Tetrachloroethane 17
四氫呋喃 Tetrahydrofuran 17
四氫萘 Tetralin (Tetrahydronaphthalene) 17
四乙基鉛 Tetraethyl Lead 17
四乙鉛 Tetraethyl Lead 17
賽路蘇 Cellosolve 05
三氟三氯乙烷 Freon F-113 08
三硫化二鐵 Ferric Sulfide 08
三氯氟甲烷 Freon F-11 08
三氯化銻 Antimony Trichloride 03
三氯化鐵 Ferric Chloride 08
三氯化磷 Phosphorus Trichloride 13
三氯甲烷 Chloroform 05
三氯醋酸 Trichloroacetic Acid 17
1,1,2-三氯-1,2,2-三氟乙烷 Freon F-113 08
三氯乙烯 Trichloroethylene 17
三氯乙酸 Trichloroacetic Acid 17
1,1,1-三氯乙烷 Methyl Chloroform 11
三級丁醇 Tertiary Butyl Alcohol 17
三羥基苯甲酸 Gallic Acid 08
三羥甲丙烷 Trimethylolpropane 17
三羥甲基丙烷 Trimethylolpropane 17
三羥乙基胺 Triethanolamine 17
三醋精 Triacetin 17
三乙醇胺 Triethanolamine 17
三乙酸甘油酯 Triacetin 17
三乙胺 Triethylamine 17
三氧化硫 Sulfur Trioxide 16
三元醇 Glycerol (Glycerine) 08
蘇打 Sodium Carbonate 15
酸洗溶液 Pickling Solutions (Steel) 13
酸洗液 Pickling Solutions (Steel) 13
酸性硫酸鈉 Sodium Bisulfate 15
酸性硫酸鉀 Potassium Bisulfate 13
酸性磷酸鈉 Sodium Phosphate Acid 15
酸性汽油 Gasoline Sour 08
酸性原油 Sour Crude Oil 16
酸式氟化銨 Ammonium Bifluoride 02
酸式硫化鈣 Calcium Bisulfide 04
酸式亞硫酸鈉 Sodium Bisulfite 15
酸式亞硫酸鈣 Calcium Bisulfite 04
松節油 Turpentine 17
松油 Tall Oil 16

ㄢ

銨明礬 Aluminum Ammonium Sulfate (Alum) 02
銨礬 Aluminum Ammonium Sulfate (Alum) 02
胺磺酸 Sulfamic Acid 16
胺基磺酸 Sulfamic Acid 16
氨基苯 Aniline 03

氨基磺酸 Sulfamic Acid 16
氨氣 Ammonia Gas 02
安息香醛 Benzaldehyde 03
安息香酸 Benzoic Acid 03
氨水 Ammonia Water 02
氨水 Ammonium Hydroxide 03

儿

二苯醚 Diphenyl Oxide 07
二苯基醚 Diphenyl Oxide 07
二苯基二硫醚 Phenyl Bisulfide 12
二苯二硫 Phenyl Bisulfide 12
二苄醚 Dibenzyl Ether 06
二丙酮 Diacetone 06
二丙酮醇 Diacetone 06
二丙酮醇 Diacetone Alcohol 06
二氟二氯甲烷 Freon F-12 08
二氟一氯甲烷 Freon F-22 08
二碘甲烷 Methylene Iodide 11
二丁醚 Butyl Ether 04
二丁醚 Dibutyl Ether 06
二丁胺 Dibutyl Amine 06
二硫化碳 Carbon Disulfide 05
二氯苯 Dichlorobenzene 06
二氯丙烷 Propylene Dichloride 14
二氯氟甲烷 Freon F-21 08
二氯化硫 Sulfur Dichloride 16
二氯化汞 Mercuric Chloride 10
二氯化二硫 Sulfur Chloride 16
二氯甲烷 Methylene Chloride 11
二氯甲烷 Methylene Dichloride 11
1,2-二氯-1,1,2,2-四氟乙烷 Freon F-114 08
二氯四氟乙烷 Freon F-114 08
二氯二氟甲烷 Freon F-12 08
二氯乙烯 Dichloroethylene 06
二氯乙烷 Ethylene Chloride 07
二氯乙烷 Ethylene Dichloride 07
二氯異丙醚 Dichloroisopropyl Ether 06
二甘醇酸 Diglycolic Acid 06
二甲苯 Xylene 18
二甲醚 Methyl Ether 11
N,N-二甲基苯胺 Dimethylaniline 07
N,N-二甲基甲醯胺 Dimethylformamide 07
二甲基亞碸 Methyl Sulfoxide 11
二甲胺 Dimethyl Amine 07
二甲亞碸 Methyl Sulfoxide 11
二羥丁二酸 Tartaric Acid (Dioxysuccinic Acid) 16
二溴甲烷 Methylene Bromide 11
二溴乙烷 Ethylene Bromide 07
二醇類 Glycols 09
二伸乙三胺 Diethylenetriamine 06
1,4-二噁烷 Dioxane 07
二乙醚 Diethyl Ether 06
二乙醚 Ethyl Ether 07
二乙烯三胺 Diethylenetriamine 06
二乙胺 Diethylamine 06
二乙二醇單丁醚 Butyl Carbitol 04
二乙二醇單乙醚 Carbitol 05
二異丙醚 Isopropyl Ether 09
二異丙酮 Diisopropyl Ketone 07
二異丙基酮 Diisopropyl Ketone 07
二異丁酮 Diisobutyl Ketone 07
二異丁基酮 Diisobutyl Ketone 07
二異丁烯 Diisobutylene 07
二亞乙基三胺 Diethylenetriamine 06
二氧六環 Dioxane 07
二氧陸圜 Dioxane 07
二氧化氮 Nitrogen Dioxide 12
二氧化碳 Carbon Dioxide 05
二氧化硫 Sulfur Dioxide 16
二氧化氯 Chlorine Dioxide 05
1,3-二氧五環 Dioxolane 07
二元醇 Glycols 09

一

乙苯 Ethyl Benzene 07
乙醚 Diethyl Ether 06
乙醚 Ethyl Ether 07
乙硫醇 Ethyl Mercaptan 07
乙酐 Acetic Anhydride 02
乙炔 Acetylene 02
乙基硫醇 Ethyl Mercaptan 07
2-乙基己醇 Ethyl Hexanol 07
乙腈 Acetonitrile 02
乙醛 Acetaldehyde 02
乙醯苯 Acetophenone 02
乙醯丙酮 Acetylacetone 02
乙醯氯 Acetyl Chloride 02
乙醯溴 Acetyl Bromide 02
乙醯乙酸乙酯 Ethyl Acetoacetate 07
乙撐氯醇 Ethylene Chlorohydrin 07
乙醇 Ethyl Alcohol 07
乙醇酸 Glycolic Acid 08
乙醇胺 Ethanolamine 07
乙醇胺 Monoethanolamine 11
乙酸 Acetic Acid 02
蟻酸 Formic Acid 08
乙酸丙酯 Propyl Acetate 14
乙酸丁酯 Butyl Acetate 04
乙酸銅 Copper Acetate 05
乙酸鈉 Sodium Acetate 15
乙酸鎳 Nickel Acetate 11
乙酸鋁 Aluminum Acetate 02
乙酸鈣 Calcium Acetate 04
乙酸酐 Acetic Anhydride 02
乙酸鉀 Potassium Acetate 13
乙酸甲酯 Methyl Acetate 11
乙酸鉛 Lead Acetate 10
乙酸鋅 Zinc Acetate 18
乙酸銨 Ammonium Acetate 02
乙酸乙烯酯 Vinyl Acetate 17
乙酸乙酯 Ethyl Acetate 07
乙酸異丙酯 Isopropyl Acetate 09
乙酸戊酯 Amyl Acetate 03
乙二醇 Ethylene Glycol 07
乙二醇單丁醚 Butyl Cellosolve 04
乙二醇單甲醚 Methyl Cellosolve 11
乙二醇單乙醚 Cellosolve 05
乙二酸 Oxalic Acid 12
乙二酸二乙酯 Ethyl Oxalate 07
乙二胺 Ethylene Diamine 07
2-乙氧基乙醇 Cellosolve 05
異丙醚 Isopropyl Ether 09
異丙基氯 Isopropyl Chloride 09
異丙醇 Isopropyl Alcohol 09
異佛爾酮 Isophorone 09
異丁烯酸甲酯 Methyl Methacrylate 11
異丁醇 Isobutyl Alcohol 09
異辛醇 Ethyl Hexanol 07
異辛烷 Iso-octane 09
一氟三氯甲烷 Freon F-11 08
一氟二氯甲烷 Freon F-21 08
一氯苯 Monochlorobenzene 11
一氯化硫 Sulfur Chloride 16
一氯乙酸 Monochloroacetic Acid 11
亞麻仁油 Linseed Oil 10
亞麻仁油酸 Linoleic Acid 10
亞麻籽油 Linseed Oil 10
亞麻油酸 Linoleic Acid 10
亞麻油酸油 Linoleic Oil 10
亞鐵氰化鈉 Sodium Ferrocyanide 15
亞鐵氰化鉀 Potassium Ferrocyanide 14
亞銅氰化鉀 Potassium Copper Cyanide 14
亞硫酸 Sulfurous Acid 16
亞硫酸鈉 Sodium Sulfite 15
亞硫酸氫鈉 Sodium Bisulfite 15
亞硫酸氫鈣 Calcium Bisulfite 04
亞硫酸鹽廢液 Sulfite Liquor 16
亞氯酸鈉 Sodium Chlorite 15
亞硝酸 Nitrous Acid 12
亞硝酸鈉 Sodium Nitrite 15
亞油酸 Linoleic Acid 10
液態光氣 Phosgene Liquid 13
液態氨 Ammonia Liquid 02
液體石蠟 Mineral Oil 11
液鹼 Sodium Hydroxide 15
液氨 Ammonia Liquid 02
椰子油 Coconut Oil 05
油漆溶劑 Paint Solvents 12
油酸 Oleic Acid 12
右旋糖 Dextrose 06
鹽水 Brine 04
鹽水 Water (Salt Water) 17
鹽酸 Hydrochloric Acid 09
菸鹼 Nicotine 11
菸鹼酸 Nicotinic Acid 12
菸酸 Nicotinic Acid 12
引擎機油 Motor Oil 11
飲用水 Water (Potable Water) 17
氧化丙烯 Propylene Oxide 14
氧化二苯基 Diphenyl Oxide 07
氧氣 Oxygen Gas 12
氧呃 Furan 08
羊脂酸 Caprylic Acid 05
硬脂酸 Stearic Acid 16
硬脂酸丁酯 Butyl Stearate 04
一氧化碳 Carbon Monoxide 05
一氧化二氮 Nitrous Oxide 12
一氧二烯五圜 Furan 08

X

五氧化二磷 Phosphorus Pentoxide 13
無鉛汽油 Gasoline Unleaded 08
無水氟化氫 Hydrogen Fluoride Anhydrous 09
無水乙酸 Acetic Acid (Glacial) 02
戊基氯 Amyl Chloride 03
戊醇 Amyl Alcohol 03
污水 Sewage 14
污水 Water (Sewage Water) 17
瓦斯 Gas, Natural 08
渦輪機油 Turbine Oil (#+40) 17
威士忌酒 Whisky 18
王水 Aqua Regia 03

山

玉米糖漿 Corn Syrup 06
玉米油 Corn Oil 06
玉蜀黍糖漿 Corn Syrup 06
玉蜀黍油 Corn Oil 06
月桂醯氯 Lauroyl Chloride 10
月桂酸 Lauric Acid 10
原油 Crude Oil 06

接頭標準 CONNECTION STANDARDS

接合方式	Standards
螺紋 Thread (Screw)	JIS, NPTF, BSPF, DIN 259, ASTM D2464/76, ASA B2.1, BS 21, ISO R7, UNI 338, DIN 2999
承插膠合 Socket (Solvent Welding)	ISO 727, UNI 7442/75, DIN 8063, NF T54-028, KIWA 54, BS 4346/1, JIS, ASTM D2467/76a
法蘭 Flange	ISO 2084, UNI 7442/75, DIN 8063, JIS 10 kgf/cm², ANSI 150 LBS – 125 LBS
熱熔對接 Butt Fusion	DIN, ISO, ASTM SCH 40 / 80, BS Table D

溫度換算 TEMPERATURE CONVERSION

°F = °C × 9/5 + 32　　°C = (°F – 32) × 5/9

°C	°F	°C	°F	°C	°F	°C	°F
-40	-40	**50**	122	**140**	284	**230**	446
-35	-31	**55**	131	**145**	293	**235**	455
-30	-22	**60**	140	**150**	302	**240**	464
-25	-13	**65**	149	**155**	311	**245**	473
-20	-4	**70**	158	**160**	320	**250**	482
-15	5	**75**	167	**165**	329	**255**	491
-10	14	**80**	176	**170**	338	**260**	500
-5	23	**85**	185	**175**	347	**265**	509
0	32	**90**	194	**180**	356	**270**	518
5	41	**95**	203	**185**	365	**275**	527
10	50	**100**	212	**190**	374	**280**	536
15	59	**105**	221	**195**	383	**285**	545
20	68	**110**	230	**200**	392	**290**	554
25	77	**115**	239	**205**	401	**295**	563
30	86	**120**	248	**210**	410	**300**	572
35	95	**125**	257	**215**	419		
40	104	**130**	266	**220**	428		
45	113	**135**	275	**225**	437		

經銷商 SOLE AGENT

協羽機材工業股份有限公司
SHIE YU MACHINE PARTS INDUSTRIAL CO., LTD.
831 高雄市大寮區莒光二街 1 號
TEL 07-788-8678　FAX 07-787-0109
sales@sh-khh.com　www.sh-khh.com