

Liquid List to Honeywell LeakFilm

1, To the LeakFilm Conductive & LeakFilm Conductive_D sensors

1.1, Single chemical liquid

Chemical	Concentration *	Detection Y/N
Acetic acid	0-50%	Y
FeCl3	0-60%	Y
HCl	0-35%	Y
NaOH	0-50%	Y
NaOCl	0-10%	Y
NH3	0-29%	Y
H2O2	0-30%	Y
Acetone	0-99.5%	Y
NO3	0-100%	Y
Ethanol	0-60%	Y
Methanol	0-80%	Y
HF	0-50%	Y
HNO3	0-61%	Y
H2SO4	0-95%	Y

1.2, Mixed chemical liquid

Chemical	Components mixture	CAS	Concentration *	Detection Y/N
RER500	Ethyl lactate 55 - 60 %	97-64-3	0-100%	Y
	Methyl ethyl ketone 40 - 45%	78-93-3		
OPD4262	TMAH <3% (Tetra Methyl Ammonium Hydroxide)	75-59-2	0-100%	Y
906-17i	Methyl Beta-methoxy propionate 15-35 % (Methyl methoxy propionate)	3852-09-3	0-100%	Y
MS 3001	2-(2-Aminoetossi) etanolo 40-55%	929-06-6	0-100%	Y
	Dimethyl Sulfoxide 0-55%	67-68-5		
Microstrip 5002	hydroxylamine sulfate <25%	10039-54-0	0-100%	Y
	Tetra Methyl Ammonium Hydroxide 0.01 - 1%	75-59-2		
DMSO	Dimethyl Sulfoxide 100%	67-68-5	0-75%	Y
IPA	Isopropyl alcohol	67-63-0	0-50%	Y
Oir 908-35 **	Methyl Beta-Methoxy propionate 60~80%	3852-09-3	0-100%	Y

ProTek **	Propylene Glycol Methyl Ether Acetate (PGMEA) 50-65%	108-65-6	0-100%	Y
	Ethyl Aceto acetate 20-30%	141-97-9		
SPR220-7 **	Ethyl Lactate 25 -40 %	97-64-3	0-50%	Y
	Anisol 15-20%	100-66-3		
	2-Methyl Butyl Acetate 1.0 - 2.5%	624-41-9		
	Cresol (all isomers) 0.25 - 0.5 %	1319-77-3		
	1,4-Dioxane 0.1 - 0.2 %	123-91-1		
	n-Amyl Acetate 3.0 -5.0 %	628-63-7		
BMR DEVELOPER C3 **	xylene 56%	1330-20-7	0-100%	Y
	2-Butoxyethyl acetate 30%	112-07-2		
	Ethyl benzene 14%	100-41-4		
AZ4553 **	Propylene Glycol Mono methyl Ether Acetate (PGMEA) >50%	108-65-6	0~50%	Y
906-12i **	Ethyl Beta-ethoxy propionate 35~60%	763-69-9	0~100%	Y
906-12i **	Ethyl Beta-ethoxy propionate 35~60%	763-69-9	0~50%	Y
	Methyl Beta-Methoxy propionate 15~35%	'3852-09-3		
305-22i **	Ethyl Beta-ethoxy propionate 40~55%	763-69-9	0~50%	Y
	Methyl Beta-Methoxy propionate 15~25%	3852-09-3		

2, To the LeakFilm Chemical sensors

2.1, Single chemical liquid

Chemical	Concentration *	Detection Y/N
HF	50%	Y
HNO3	60%	Y
H2SO4	84~95%	Y

* Concentration 0% means 100% water and conductive film reacts with water very well. Thus chemicals with dilution reacts conductive film very well. High concentration of chemical means less water concentration and this concentration will be maximum concentration for reaction.

** Solutions case, chemical was not homogenous solution, causing separation of water and chemicals. Thus, when water contacts with electrode makes response, othercase when chemical contacts with electrode did not make response.

*** Any liquid not at this liquid list, please check it with Honeywell Analytics.