

Name	Formula	CAS no.	Quantity
1			
A			
activated catalyst,50% slurry in water		7440-02-0	100g/100g
B			
Bismarck Brown R	C ₂₁ H ₂₄ N ₈ 2HCl	5421-66-9	7g/25g
C			
cobalt(II)acetate tetrahydrate	(C ₂ H ₃ O ₂) ₂ CO • 4H ₂ O	6147-53-1	
cobalt(II)chloride	C ₁₂	7646-79-9	3g/5g
Cobalt(III)2,4-pentanedionate		13681-88-4	1g/5g
Cobalt(III)acetylacetonate	C ₁₅ H ₂₁ CoO ₆	21679-46-9	1g/5g
Cobalt(III)acetylacetonate	C ₁₅ H ₂₁ CoO ₆	21679-46-9	1g/5g
Copper(II)chloride dihydrate	CuCl ₂ 2H ₂ O	10125-13-0	350g/500g
Copper(II)phthalocyanine	C ₃₂ H ₁₆ CuNB	147-14-8	1g/2g
corboxyethylsilanetriol			15g/25g
D			
dibenzoly peroxide	C ₄ H ₁₀ O ₄	94-36-0	50g/100g
Dilodomethane	CH ₂ I ₂	75-11-6	30g/100g
H			
hexyltriethoxysilane	C ₁₂ H ₂₈ O ₃ Si		15g/25g
I			
Indium shot			3g/25g
L			
L(+)-Ascorbic acid	C ₆ H ₈ O ₆	50-81-7	/100g
N			
N,N'-Dicyclohexylcarbodiimide		538-75-0	90g/100g
N,N'-Dicyclohexylcarbodiimide	C ₁₃ H ₂₂ N ₂	538-75-0	50g/100g
n-Octyltriethoxysilane	C ₁₄ H ₃₂ O ₃ Si		12mL/25mL
N-Propyltriethoxysilane	C ₉ H ₂₂ O ₃ Si	2550-02-9	
n-Propyltrimethoxysilane		1067-25-0	4g/25g
O			
Octadecyltrimethoxysilane		3069-42-9	20mL/25mL
P			
palladium on activated carbon		7440-153	
Pentafluorothiophenol	C ₆ HF ₅ S	771-62-0	5mL/5mL
Phenylmalonic acid	C ₉ H ₈ O ₄	2613-89-0	20g/25g
Phenyltriethoxysilane	C ₁₂ H ₂₀ O ₃ Si		18mL/25mL
Phthalcocyanine	C ₃₂ H ₁₈ N ₈	574-93-6	2g/5g
Poly(3-hexylthiophene-2,5-diyl)	(CH ₂) ₅ CH ₃		0.2g/1g
Potassium bromide	KBr	7758-02-3	30g/100g
Potassium chloride	KCl	7447-40-7	10g/50g
Potassium ferricyanide(III)	K ₃ Fe(CN) ₆	13746-66-2	
pyorogen hexachlore plartinate(IV)hyulate			
S			
sebacic acid	HOOC(CH ₂) ₈ COOH		20g/25g
Silver nitrate	AgNO ₃		7g/25g

Silver nitrate	AgNO ₃		3g/25g
sodium hydroxide	NaOH		500g/500g
T			
Tin granular			400g/500g
Titanium(IV) fluoride	TiF ₄	7783-63-3	4g/10g
Triethoxy-P-tolyl-silane	C ₁₃ H ₂₂ O ₃ Si	18412-57-2	0.5g/1g
trimethoxy(octadecyl)silane		3069-42-9	2mL/5mL
Trimethylamine N-oxide dihydrate		62537-93-8	20g/25g
Z			
Zinc	Zn		250g/500g
其他			
(3,3,3,trifluoropropyl)tri methoxysilane		429-60-7	1g/5g
(3-Aminopropyl)triethoxy-silane	C ₉ H ₂₃ NO ₃ Si	919-30-2	50mL/100mL
(Pentafluorophenyl)-triethoxysilane	C ₁₂ H ₁₅ F ₅ O ₃ Si	20083-34-5	2g/5g
1,3,5-benzenetricarboxylic acid	C ₉ H ₆ O ₆	554-95-0	5g/5g
1,3-propane dithiol	C ₃ H ₈ S ₂		25mL/25mL
1H,1H,2H,2H-Perfluorooctyltriethoxysilane		51851-37-7	1g/5g
2,3-Benzanthracene	C ₁₈ H ₁₂	92-24-0	1g/1g
3-(triethoxysilyl)propionitrile	C ₉ H ₁₉ NO ₃ Si	919-31-3	13mL/25mL
4-(Triethoxysilyl)-butyronitrile	C ₁₀ H ₂₁ NO ₃ Si	1067-47-6	7g/25g
4-Mercaptobenzoic acid	C ₇ H ₆ O ₂ S	1074-36-8	5g/5g
4-Mercaptophenol	C ₆ H ₆ OS	637-89-8	5g/5g