

**Table 1: Metals for Temescal**

<b>Metal</b>	<b>Company</b>	<b>Cat.nr.</b>	<b>Description</b>
<b>Al</b>	Scotech limited	AL16595	6*6mm, 99,999%
<b>W</b>	Scotech limited	W21015	1-3mm 99,95%
<b>Ti</b>	Scotech limited	PO PM 1122624	6*6mm, 99,99%
<b>Ni-Slides</b>			
<b>Ni</b>	Scotech limited	Ni17020	6*6mm, 99,9%
<b>SiO2</b>	Scotech limited		Powder
<b>Cr</b>	Scotech limited	CH29035	1-3mm 99,95%
<b>Au</b>	Scotech limited	Au3566	6*6mm, 99,99%
<b>ZnO</b>	Scotech limited	ZNOX005	3-6mm

**Table 2: Available chemicals and waste bins in fume hoods**

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**Safety wash bottles**

Acetone

Isopropanol

Deionized water

Isopropanol : water mixture

Methanol

**Container for used solvents**

Non-halogenated solvents (acetone, isopropanol, ethanol, etc.)

Halogenated solvents (e.g., chloroform)

**Rubbish bin**

Tissue, aluminium foil

Needles, sharps

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**Table 3: Resists, remover, etchant etc. available in storage room**

<b>Resist, remover, etchant, gas, etc.</b>	<b>Supplier</b>
AR 600-60, Stopper	Allresist GmbH - Germany
AR 300-35 Developer	Allresist GmbH - Germany
AR 600-56 Developer	Allresist GmbH - Germany
AR 600-65 Developer	Allresist GmbH - Germany
AR-P 672.08 E-beam resist, PMMA 950K	Allresist GmbH - Germany
AR-P 3540, positive resist	Allresist GmbH - Germany
AR-P 672.02, PMMA	Allresist GmbH - Germany
mr-REM 500 Remover	micro resist technology GmbH
Mr-Dev 600 Developer	micro resist technology GmbH
495 PMMA	MicroChem
SU8 2002	MicroChem
SU8 Thinner	MicroChem
Tetrafluoromethane (R14); 100%	Yara Praxair AS, Oslo
Trifluoromethane (R23); 100%	Yara Praxair AS, Oslo
Chromium etchant 1020	Transene Company Inc. Danvers MA 01923
Gold etch TFA-France or EAU-Forte- Type TFA	Transene Company Inc. Danvers MA 01923
Tungsten etch type TFW	Transene Company Inc. Danvers MA 01923
Aluminium etchant Type A	Transene Company Inc. Danvers MA 01923
Nickel etchant Type TFB	Transene Company Inc. Danvers MA 01923
Titatnium etchant Type TFT	Transene Company Inc. Danvers MA 01923
Transetch - N	Transene Company Inc. Danvers MA 01923
Buffer HF improved	Transene Company Inc. Danvers MA 01923
ACT <sup>®</sup> XT-1100 Remover	Air Products and Chemicals, Inc.
ACT <sup>®</sup> 412	Air Products and Chemicals, Inc.
EKC 265 TM Plamsasolv <sup>®</sup> , Residue Remover	EKC Technology, Inc. Hayward
XHRIC-11	Brewer science

**Table 4: Solvents, acids, bases available in storage room.**

<b>Chemicals - solvent, acid, base</b>	<b>Supplier</b>
N-Methyl-2-pyrrolidone (NMP)	BASF, Germany
1-Methyl-2-pyrrolidone for peptide synthesis	Merck Millipore, Germany
Trichlorooctadecylsilane for synthesis	VWR (Merck)
Acetone VLSI Selectipur*	BASF
Ammonia hydroxide (ammonia solution ~ 28%), SLSIn Selectipur	BASF
Hydrogen peroxide 31%, VLSIn Selectipur	BASF
Sulfuric acid 96%, VLSI selectipur	BASF
Hydrochloric Acid 37%, puriss p.a. Rega. ACS, Reag. ISO	Sigma Aldrich
Hydrochloric Acid 37%, ACS reagent, 10%(ALPHA)	Sigma Aldrich
Sulfur, purum p.a. > 99,5% (T), powder	Sigma Aldrich
Methanol > 99,8%, EMSURE® ACS	Merck Millipore, Germany
Isopropanol, EMSURE® ACS	Merck Millipore, Germany
Potassium hydroxide, pellets pur >84%	Merck Millipore, Germany
Sodium hydroxide pellets, extra pure	Merck Millipore, Germany
Anisole for synthesis	Merck Millipore, Germany
Aceton for analysis >99,5%, EMSURE® ACS	Merck Millipore, Germany
Hydrochloric acid 30%, 20l	Technical, VWR, PROLABO®
Sodium hydroxide 30%, 20l	Technical, VWR, PROLABO®
Techni Strip Micro D350 --> DMSO!	MicroChemicals
Ammonia hydroxide (ammonia solution ~ 25%)	Technical, VWR, PROLABO®
Ethanol	Technical, VWR, PROLABO®

**Table 5: Consumables in storage room**

<b>Consumables</b>	<b>Supplier</b>
Hair cover (with latex)	VWR
Shoe cover	VWR
Beard Cover (without latex)	VWR
Latex Gloves	VWR
	VWR
	VWR
	VWR
Nitrile gloves	VWR
	VWR
	VWR
	VWR
Latex ambidextrous gloves	VWR
	VWR
	VWR
Signature Pippetor	VWR
Pipet tips	VWR
Gummismukk Silicon	VWR
Bulb, Rubber	VWR
	VWR
	VWR
Wipers (non woven)	VWR
	VWR
	VWR
Cleanroom shoes	VWR
Safety wash bottles	VWR
Sticky Mat - adhesive mat	VWR
Syringe	VWR
Cleanroom tape PCX	Micronova Manufacturing Inc.
Glass beakers	VWR, Schott
Bottle with cap (transparent and ambered)	VWR, Schott
Forcaps	Nalge Company, Nalgene Brand Products
Forcaps	VWR (rubis K2A)
Metal tweezers	VWR (rubis K7)
Metal tweezers	Excelta ®
Tweezers	Excelta ®
Tweezers	Excelta ®
Tweezers	Excelta ®
Plastic tweezers	Chemi-Teknik AS
PTFE beaker	Lab Logistics Group (=LLG)
Petri dishes, calk-soda	LLG
Powder funnel	LLG

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BioClean-D™ Disposable Laboratory Coat	Nitritex, order by VWR
PE-LD petri dishes	Greiner bio-one
Pasteur pipette	Assistant®, Germany
	VWR
Filter 0,2 um	Macherey-Nagel, Germany
Single sided Kapton® Tape	TED Pella, Inc.
Glass slides	VWR
Fire blanket	VWR
Eye wash	VWR

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