

UFL list of approved chemicals

Filter:

Chemical Name	Quantity	Location	MSDS	SOP
Cyclohexane, 99+%	1	Chemical Storage Cabinet #1	cyclohexane_99_sds.pdf	
Cyclohexane, certified ACS	1	Chemical Storage Cabinet #1	cyclohexane_acs_sds.pdf	
Acetone	12	Chemical Storage Cabinet #1	MSDS	sop_flammable-combustible-liquids_r1.pdf
KleanStrip Acetone	1	Chemical Storage Cabinet #1	MSDS	sop_flammable-combustible-liquids_r1.pdf
Isopropyl Alcohol	3	Chemical Storage Cabinet #2	msds-isopropyl_alcohol.pdf	sop_flammable-combustible-liquids_r1.pdf
Methylene Chloride	1	Chemical Storage Cabinet #2	dcm_sop.pdf	sop_methylene-chloride_r1.pdf
SigmaCote	1	Chemical Storage Cabinet #2	sigmacote.pdf	
Trichloro(1H,1H,2H,2H-tridecafluoro-n-octyl)silane	1	Chemical Storage Cabinet #2	t2577_us_en.pdf	
Tough2K/IPA Mix	1	Chemical Storage Cabinet #2	For Glossy Coating	
PTFE Grease	2	Chemical Storage Cabinet #4	Viscous Lubricant	
Vacuum Grease	3	Chemical Storage Cabinet #4	Viscous Lubricant	
Lithium Grease	1	Chemical Storage Cabinet #4	Viscous Lubricant	
Anti-Seize	1	Chemical Storage Cabinet #4	Viscous Lubricant	
PTFE Lube	1	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
Unilube	1	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
Penetrating Oil	2	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
Hydraulic Oil	1	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
WD 40	1	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
LPS Lube	3	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
Mold Release	5	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
Tapping Fluid	1	Chemical Storage Cabinet #4	Low Viscosity Lubricant	
Nitrile Plastic Adhesive	2	Chemical Storage Cabinet #4	Adhesive	

Chemical Name	Quantity	Location	MSDS	SOP
Modge Podge	1	Chemical Storage Cabinet #4	Adhesive	
Loctite 263	1	Chemical Storage Cabinet #4	Adhesive	
Contact Cement	1	Chemical Storage Cabinet #4	Adhesive	
Silicone Sealant	2	Chemical Storage Cabinet #4	Adhesive	
RTV Sealant	2	Chemical Storage Cabinet #4	Adhesive	
Nitrile Plastic Adhesive	1	Chemical Storage Cabinet #4	Adhesive	
5-min Epoxy	1	Chemical Storage Cabinet #4	Adhesive	
Mineral Oil	2	Chemical Storage Cabinet #4		
pH 10 Buffer	1	Chemical Storage Cabinet #4		
pH 4 Buffer	1	Chemical Storage Cabinet #4		
Fomblin	1	Chemical Storage Cabinet #4	fomblin_sds.pdf	
Sodium Chloride	1	Chemical Storage Cabinet #4	sodium_chloride_msts.pdf	
Glycerol	1	Chemical Storage Cabinet #4	glycerol_msds.pdf	
UltraPure Water	2	Chemical Storage Cabinet #4		
Phenol 5%	1	Chemical Storage Cabinet #4	phenol_sds.pdf	
Leak Detector	1	Chemical Storage Cabinet #4		
Distilled White Vinegar	1	Chemical Storage Cabinet #4		
Methylene Blue	1	Chemical Storage Cabinet #4	MSDS	
RainX Hydrophobic Spray	1	Chemical Storage Cabinet #4		
Ethyl Alcohol Denatured A407-4	2	Chemical Storage Cabinet #5	msds_ethyl_alcohol.pdf	sop_flammable-combustible-liquids_r1.pdf
Gold Shield Ethyl Alcohol Proof 190	1	Chemical Storage Cabinet #5	ethyl_190_proof.pdf	
Rubbing Alcohol	1	Chemical Storage Cabinet #5	rubbing_alcohol_msds.pdf	
Methyl Alcohol, Reagent ACS 99.8%	1	Chemical Storage Cabinet #5	methyl_alcohol_sciencelab.pdf	
Methanol A412-500	1	Chemical Storage Cabinet #5		

Chemical Name	Quantity	Location	MSDS	SOP
Methanol A408-4	1	Chemical Storage Cabinet #5	methanol_sciencecelab.pdf	
91% Isopropyl Alcohol	1	Chemical Storage Cabinet #5		
Hexane	1	Chemical Storage Cabinet #5	Valentine Group	
Acrylic Cement	1	Chemical Storage Cabinet #5	Pennathur Group	y
Ethyl Alcohol, Reagent, Denat, Spectro Grade	1	Chemical Storage Cabinet #5		
3D Laser Scanning anti-glare-spray	3	Chemical Storage Cabinet #5	3_d_laserscanning_spray.pdf	
N-DECYLTRICHLOROSILANE	1	Chemical Storage Cabinet #6	MSDS	
Chlorotrimethylsilane	1	Chemical Storage Cabinet #6	msds_chlorotrimethylsilane.pdf	
Chloro(dimethyl)octadecylsilane	5	Chemical Storage Cabinet #6	MSDS	
Sodium Hydroxide (solid)	1	Chemical Storage Cabinet #7	naoh.pdf	
Hydrochloric Acid	2	Chemical Storage Cabinet #7	hydrochloric_acid_msds.pdf	hydrochloricacid_ufl_sop.pdf
Bleach	1	Cabinet under sink		
Contrex AP Powdered Labware Detergent	1	Cabinet under sink		
Contrex AL Alkaline Liquid Detergent	1	Cabinet under sink		
Liqui-nox cleaning detergent	1	Cabinet under sink		
Kool Mist	1	Cabinet under sink	MSDS	
Waxie neutral cleaner	2	Cabinet under sink		
Goof Off Remover	1	Cabinet under sink		
Windex	1	Cabinet under sink		
Windex Multi-Surface Vinegar	1	Cabinet under sink		
Hand Soap	1	Cabinet under sink		
409 Cleaner Greaser Disinfectant	1	Cabinet under sink		
Fantastik Cleaner	1	Chemical Storage Cabinet #9	fantastik_msds.pdf	
Distilled White Vinegar	1	Chemical Storage Cabinet #9	distilled_white_vinegar_msds.pdf	
Mobil DTE 24 Hydraulic Oil Light	1	Chemical Storage Cabinet #9	dte_24_msds.pdf	
Magnesium Chloride Hexahydrate	1	Chemical Storage Cabinet #9	magnesium_chloride_hexahydrate_msds.pdf	
Drierite	1	Chemical Storage Cabinet #9	drierite_msds.pdf	

Last update:

2024/08/21 chemicals_in_the_ufl_msds https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=chemicals_in_the_ufl_msds&rev=1724261255
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Chemical Name	Quantity	Location	MSDS	SOP
100% Silicone Sealent	1	Chemical Storage Cabinet #9	silicone_sealant_100_msds.pdf	
Dow Corning off-white Sealent	1	Chemical Storage Cabinet #9	dowsil-795-silicone-building-sealant-sds-1800007.pdf	
Rust-Oleum Crystal Clear Enamel	1	Chemical Storage Cabinet #9	rustoleum_msds.pdf	
Mineral Oil	1	Chemical Storage Cabinet #9	mineral_oil_sciencelabmsds.pdf	
Baking Soda	1	Chemical Storage Cabinet #9	sodium_bicarbonate.pdf	
Safeway Kitchen Distilled White Vinegar	1	Chemical Storage Cabinet #9	distilled_white_vinegar_msds.pdf	
SB101-500 Buffer Solution	1	Chemical Storage Cabinet #9	sb101-500_msds.pdf	
BX1641-1 Buffer Solution Blue	1	Chemical Storage Cabinet #9	bx1641_sds_us_z8.pdf	
Slide Silicone Mold Release	1	Chemical Storage Cabinet #9	slide-40112n-regular-silicone-mold-release-osh-ghs-sds.pdf	y
Sprayon S00311 Mold Release	1	Chemical Storage Cabinet #9	spray-0n_dry_film_mold_release.pdf	
Dow Corning High Vacuum Grease	4	Chemical Storage Cabinet #9	high_vacuum_greasemsds.pdf	
3M 1099	2	Chemical Storage Cabinet #9	mediawebserver.pdf	
Super Lube Synthetic Grease	2	Chemical Storage Cabinet #9	msds_sl_grease_msds.pdf	
IPS Weld on Acrylic	1	Chemical Storage Cabinet #9	weldon3_msds.pdf	y
Ultra-Flat Krylon	1	Chemical Storage Cabinet #9	ultraflatkrylonmsds.pdf	
888 Mold Release	2	Chemical Storage Cabinet #9	camie-sds888.pdf	
Snoop Liquid Clear	1	Chemical Storage Cabinet #9	snoop-sds.pdf	
Wilton Gel Food Color	1	Chemical Storage Cabinet #9	foodcoloringsds.pdf	
JB Weld-on ClearWeld	1	Chemical Storage Cabinet #9	jbclearweld_sds.pdf	
Sprayway Silicon Spray	2	Chemical Storage Cabinet #9	siliconespray_sds.pdf	
DeoxIT D5	4	Chemical Storage Cabinet #9	depot_d5_msds.pdf	
Dow-Corning 734 Flowable Sealent	1	Chemical Storage Cabinet #9	dow-corning-sealant-silicone-whi-300ml.pdf	
Smooth-On Universal Mold Release	1	Chemical Storage Cabinet #9	universal_mold_release_aerosol.pdf	
Acast 670 HT Epoxy Part A	1	Chemical Storage Cabinet #9	epoxacast_670.pdf	

Chemical Name	Quantity	Location	MSDS	SOP
Task 8 Heat Resistant Urethane Resin Part A	1	Chemical Storage Cabinet #9	urathaneresin_msd.pdf	y
Water, Ultrapure, HPLC Grade Liquid	1	Chemical Storage Cabinet #9		
Mann Ease Release 200	1	Chemical Storage Cabinet #9	mann_mold_release.pdf	
Task 8 Heat Resistant Urethane Resin Part B	1	Chemical Storage Cabinet #9	urathaneresin_msd.pdf	
Smooth-On Ht Part-B Hardener	1	Chemical Storage Cabinet #9	epoxacast_670.pdf	
Glycerol	1	Chemical Storage Cabinet #9	glycerol_msd.pdf	y
Dowsil 1200 OS Primer Clear	1	Chemical Storage Cabinet #4	dow_prime_coat_6820.pdf	
Contrex AP Powdered Labware Detergent	1			
Gojo Hand Soap	1			
Raindance	1			
Dow Sylgard 184	1	Cabinet 2	MSDS	microfluidicslab-making3d_printed_molds_.pdf
(TRIDECAFLUORO-1,1,2,2-TETRAHYDROOCTYL)TRICHLOROSILANE	1	Cabinet 6	MSDS	
LPS1 lubricant	1	Shelf 9	MSDS	
Goo-Gone cleaner	1	Shelf 9	MSDS	
Sodium perchlorate	1	Cabinet 4	MSDS	
aminopropyltriethoxysilane	1	Cabinet 4	MSDS	
Tris Base (CH ₂ OH) ₃ CNH ₂	1	Shelf 9	MSDS	
Agar	1	Shelf 9	MSDS	
Invitrogen Agarose	1	Cabinet 4	MSDS	
Heptadecafluoro-1,1,2,2-tetrahydrodecyl trichlorosilane	1	Cabinet 6	MSDS	
Novec HFE7500	1	Cabinet 6	MSDS	
Hydrogen Peroxide - 30%	1	Cabinet 8 (under white hood)	MSDS	hydrogenperoxidesop.pdf
Crystalbond 509	1	Bench by hot plate	MSDS	
Liquid Nitrogen	1	Mobile dewar - filled as needed	MSDS	
poly(isopropylacrylimide (pNIPAM)	1		MSDS	
Poly(vinyl alcohol)	1		MSDS	

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