

INTERNATIONAL DIRECTORY OF LEAD-FREE SOLDER VENDORS

Company Address ☎ Phone ✉ Fax 🏠 Year Founded ⚡ Chairman ⚡ President ⚡ CEO ☆ COO ⚡ Other Title Advertisers are shown in Bold Face type.	Product Name ❖ Form P=Paste PF=Preform S=Spheres B=Bar W=Wire PA=Plating Anodes O=Other (specify)	Solder Alloys Ⓜ Melting Point Ⓢ Features AF=Alpha-particle free, LF=Lead-free, LA=Low alpha, LT=Low temperature melting, CF=Cd free, NC=No-clean flux (specify), L=Liquid, P=Paste, R=Rosin, RMA=Rosin mildly activated, RA=Rosin activated, WS=Water soluble	Applications Primary, Secondary WB=Wafer Bumping SB=Substrate Bumping O=Other (specify)	Web Site ❖ Customer Contact ☎ Phone ✉ Fax 🌐 Additional Offices <i>Note: Data based upon information supplied by vendors and/or from their web sites.</i> CM = Consult Manufacturer	
AIM 9100 Henri Bourassa Est. Montreal, Quebec H1E 2S4 Canada ☎ 401.463.5605 ✉ 401.463.0203 🏠 1936 ★◆ Rick Black	❖ P, PF, S, B, W, PA	Sn/Ag/Cu, Sn/Ag, Sn/Cu, Sn/Bi, Sn/Bi/Ag, Sn/Sb, Au/Sn, CASTIN Ⓢ LA, CF, NC, L, P, R, RMA, RA, WS	WB, SB	aimsolder.com ❖ David Suraski, Communications Manager dsuraski@aimsolder.com ☎ 401.463.5605 ✉ 401.463.0203 🌐 AIM, 25 Kenney Drive, Cranston, RI 02920	
AMTECH Solder Products Inc. (Subsidiary of Advanced Metals Technology Inc.) 75 Schoolground Rd. Branford, CT 06405 ☎ 203.481.0362 ✉ 203.481.5033 🏠 1978 ◆ William R. Gesick	❖ P, S, B	LF: 42Sn/58Bi (Ⓜ 138°C), 96.5Sn/3.0Ag/0.5Cu (Ⓜ 217°C), 96.5Sn/3.5Ag (Ⓜ 221°C), 99.3Sn/Cu0.7 (Ⓜ 227°C), 100Sn (Ⓜ 232°C), 95Sn/5Sb (Ⓜ 240°C), 95Sn/5Ag (Ⓜ 245°C) LA: 63Sn/Pb37 (Ⓜ 183°C), 62Sn/36Pb/2Ag (Ⓜ 179°C)	WB, O=Surface mount assembly	solderproducts.com ❖ Gilbert Roberge, Technical Support Manager groberge@amtechinc.com ❖ Dana Imler, Process Support Manager dimler@amtechinc.com ❖ Wendy Clason, Production-Sales Liaison wclason@amtechinc.com	
Cookson Electronics Semiconductor Packaging (CESP) 200 Technology Dr. Alpharetta, GA 30005 ☎ 678.624.7393 ◆ Scott Craig (VP, GM)	❖ P, S	CM Ⓢ LA, NC, L, P, RMA, WS	SB, WB	cooksonelectronics.com ❖ Rolf Sannes, Product Line Manager– Solder Products rsannes@cooksonelectronics.com ☎ 678.624.7393	
Indium Corporation of America 34 Robinson Rd. Utica, NY 13502 ☎ 315.853.4900 ✉ 315.853.1000	CP-6121 ❖ P	Ⓢ NC, LF, LT, CF, LA, RMA	WB, SB	indium.com ❖ Technical Contact: Kelvin Ho, Technical Manager kho@indium.com ❖ Sales Contact: Stan Renals, Product Manager, Advanced Technologies srenals@indium.com	
	CP-6106 ❖ P	Ⓢ NC, LT, CF, LA, RMA	WB, SB		
	❖ S, PF	CM (more than 200 alloys available)	CSP, BGA		
Kester 515 E. Touhy Ave. Des Plaines, IL 60018 ☎ 847.297.1600 ✉ 847.390.9338 🏠 1899 ★ Roger Savage	SE-CURE 7101 ❖ P	SAC alloys typical Ⓢ WS, P, CF, LA	SB, WB	kester.com ❖ Greg Hayes ghayes@kester.com ☎ 727.424.1978 ❖ Clement Lee kplee@kester.com ☎ +65.6249.8251	
	SE-CURE 7601 ❖ P	SAC alloys typical Ⓢ R, P, CF			
	TCS5311 ❖ P	SAC alloys typical Ⓢ R, P, CF			
	Ultra-Spheres ❖ S	SAC alloys typical Ⓢ R, P, CF			
	TSF 6592 ❖ P TSF 6850 ❖ P	Ⓢ P, NC (TSF 6592) Ⓢ P, WS (TSF 6850)			

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Mitsubishi Materials Corporation , Advanced Products Strategic Company Division 1-5-1 Ohtemachi, Chiyoda-ku Tokyo 100-8117, Japan ☎ +81.3.5252.5402 ✉ +81.3.5252.5440 🏠 1950 ★◆ Akihiko Ide	ULA/SULA Solder Paste ❖ P SULA Liquid Plating Chemicals ❖ O=Plating chemicals	Sn-2.3Ag (Ⓜ 224°C), Sn-3.5Ag (Ⓜ 221°C), Sn-3Ag0.5Cu (Ⓜ 220°C), Sn-4Ag0.5Cu (Ⓜ 225°C), Sn-0.7Cu (Ⓜ 227°C), Sn-80Au (Ⓜ 280°C) Ⓢ P, RMA, RA, WS (Some SnAgCu compositions not avail. in U.S.) Plating chemical Sn-2.5Ag Ⓢ LA (0.002, 0.001cph/cm ²)	WB, SB (both primary) WB, SB (both primary)	mmc.co.jp/adv/ele/english/index.html ❖ USA: MMC Electronics America 1700 Wyatt Dr., Ste. 1 Santa Clara, CA 95054 Ayano Kawa, Sales akawa@mmea.com ☎ 408.562.0000 ✉ 408.562.0002 🌐 Japan, Asia: Overseas Sales Dept., Osaka Branch 1-8-030 Tenmabashi, Kita-ku, Osaka, 530-6070, Japan ☎ +81.6.6355.5006 ✉ +81.6.6335.5032
Nihon Superior Co. Ltd. NS Bldg. 1-16-15 Esaka-Cho, Suita-City 564-0063, Japan ☎ +81.6.6380.1121 ✉ +81.6.6380.1262 🏠 1966 ★ Tetsuro Nishimura	SN 100C ❖ P, PF, S, W, PA	Sn-0.7Cu+Ni Ⓜ 227°C (eutectic)	O=Wave soldering, manual soldering	nihonsuperior.co.jp ❖ Daisuke Watanabe, Overseas Sales Manager watanabe@nihonsuperior.co.jp ☎ +81.6.6380.1121
Nippon Micro Metal 158-1, Sayamagahara Iruma-shi 358-0032, Japan ☎ +81.4.2934.6101 ✉ +81.4.2934.5454 ⇨ Akira Chihaya (Representative Director and Chairman of the Board of Directors)	❖ S	Almost all compositions Sn/3.5Ag, Sn/Ag/Cu, Au80/Sn20, Cu cored speheres, diameters ≥80µm Ⓢ LA, LF	WB, SB	nmc-net.co.jp ❖ Yoji Kawakami ykawa@nmc-net.co.jp ☎ +81.4.2934.8086 ✉ +81.4.2934.5454 🌐 USA: SunSil Inc. sunsil.com ❖ Seth Alavi sales@sunsil.com ☎ 925.648.7779 ✉ 925.648.7749
Pure Technologies LLC 1266 West Paces Ferry Rd. NW #519 Atlanta, GA 30327 ☎ 404.351.6136 ✉ 404.350.0729 🏠 1994 ⚡★ Jerald Cohn ⚡ Bob Gerber	❖ P, B, PA	All certified LA or AF, Sn/Ag/Cu, Sn/Ag/Bi, Sn/Ag, SnAg/Cu/In, Sn/Cu Ⓜ 195 to 227°C	WB, SB	puretechnologies.com ❖ Jerald Cohn, Chairman jerry@puretechnologies.com ❖ Bob Gerber, CEO bob@puretechnologies.com
Qualitek International Inc. 315 Fairbank St. Addison, IL 60101 ☎ 800.365.3750 ☎ 630.628.8083 ✉ 630.628.6543 🏠 1980 ★◆ Phodi Han	dsp888, dsp889, dsp618D, dsp798LF, dsp718D Q-Pearls ❖ S	Ⓢ NC, LF solder pastes (dsp888, dsp889, dsp618D) Ⓢ WS, LF solder pastes (dsp798LF, 718D) Ⓢ LF solder spheres	O=Stencil printing (dsp888, dsp889, dsp798LF), Syringe dispensing (dsp618D, dsp718D) WB, SB	qualitek.com ❖ Rich Wicker, National Sales Manager rwicker@qualitek.com ☎ 630.628.8083 x112 🌐 Other facilities: Singapore, China, U.K., Philippines