



## 2019 Solder Paste RoHS Product Certificate of Compliance

All Lead-Free Solder products meet the requirements of the following RoHS standards:

- EU Directive 2015/863 of 31 March 2015, amending Annex II to Directive 2011/65/EU of the European Parliament regarding the list of restricted substances (RoHS).
- China RoHS standard SJ/T 11363-2006.

Lead-Free Solder Paste products listed in the attached product number tables are compliant based on the maximum concentration values (MCV) for the restricted substances as specified below.

Material	❖ Maximum Limit (ppm)
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Cadmium (Cd)	0.01% (100 ppm)
Hexavalent chromium (CrVI)	0.1% (1000 ppm)
Polybrominated biphenyls (PBB)	0.1% (1000 ppm)
Polybrominated diphenyl ethers (PBDE)	0.1% (1000 ppm)
Decabromodiphenyl ether (Deca-BDE)	0.1% (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% (1000 ppm)
Dibutyl phthalate (DBP)	0.1% (1000 ppm)
Diisobutyl phthalate (DIBP)	0.1% (1000 ppm)

❖ Maximum limit does not apply to applications for which exemptions have been granted by the RoHS standards.

Updated product compliance declarations can be downloaded from our website at [www.kester.com](http://www.kester.com), including:

- REACH Substance of Very High Concern (SVHC)
- EICC Conflict Minerals Reporting Template (CMRT)

Safety Data Sheets (SDSs) for our solder products conform to the United Nations' Globally Harmonized System (GHS) and follow the criteria for classification of mixtures in accordance with Regulation (EC) No 1272/2008 Classification, Labeling and Packaging (CLP).

This Certificate of Compliance will be updated to reflect changes in restricted substances. Kester does not provide any warranty with respect to the information provided from this Certificate of Compliance. The Terms and Conditions of Sale under which customers purchased Kester solder products shall continue to apply.

Should you require additional information, please send your requests to: [customerservice@kester.com](mailto:customerservice@kester.com).



### Lead-Free Solder Paste Products

Product Name	Description	Kester Part #	Alloy	Lead-Free
909HPS Solder Paste	909HPS 965A3C05 1150 30 500J	PA2781	SAC305	Yes
909HPS Solder Paste	909HPS Sn96.5Ag3.0Cu0.5 T3 88.5% 500g JAR	7044050810	SAC305	Yes
909HPS Solder Paste	909HPS Sn96.5Ag3.0Cu0.5 T4 88.5% 500g JAR	7044050910	SAC305	Yes
909HPS Solder Paste	909HPS Sn96.5Ag3.0Cu0.5 T4 88.5% 500g JAR	40510023	SAC305	Yes
EM808 Solder Paste	EM808 12% Sn96.5Ag3Cu0.5 25-45	41500350	SAC305	Yes
EM808 Solder Paste	EM808 12% Sn96.5Ag3Cu0.5 25-45	41500471	SAC305	Yes
EM808 Solder Paste	EM808 Sn96.5Ag3.0Cu0.5 T3 88% 500g JAR	7003060810	SAC305	Yes
EM808 Solder Paste	EM808 Sn96.5Ag3.0Cu0.5 T3 88% 600g CRT	7003060811	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 11.5% T3	7003050810	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 11% T3	7003160810	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 10.5% T3	7003030810	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 1100 30 500J	PA3009	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 1150 30 500J	PA3021	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 1050 30 500J	PA3054	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 11% T4	7003160910	SAC305	Yes
EM808 Solder Paste	EM808 965A3C05 1100 40 500J	PA2987	SAC305	Yes
EM808 Solder Paste	EM808 SAC357 10.5% T3	7003031210	SAC357	Yes



Product Name	Description	Kester Part #	Alloy	Lead-Free
EM808 Solder Paste	EM808 Sn96Ag4 T3 89.5% 500g JAR	7003031310	Sn96Ag4	Yes
EM808 Solder Paste	EM808 12% Sn96.5Ag3Cu0.5 25-45	41500350	SAC305	Yes
EM828 Solder Paste	EM828 10.5% Sn96.5Ag3Cu0.5 25-45	41500475	SAC305	Yes
EM828 Solder Paste	EM828 965A3C05 1050 30 500J	PA3078	SAC305	Yes
EM828 Solder Paste	EM828 Sn96.5Ag3.0Cu0.5 T3 89.5% 500g JAR	7004030810	SAC305	Yes
EM828 Solder Paste	EM828 Sn96.5Ag3.0Cu0.5 T3 89.5% 500g CRT	7004030823	SAC305	Yes
EM828 Solder Paste	EM828 Sn96.5Ag3.0Cu0.5 T3 89.5% 700g DEK	7004030824	SAC305	Yes
EM828 Solder Paste	EM828 Sn96.5Ag3.0Cu0.5 T4 89.5% 500g JAR	7004030910	SAC305	Yes
EM828 Solder Paste	EM828 Sn96.5Ag3.0Cu0.5 T4 89.5% 600g CRT	7004030911	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3.5 25-45	41500340	Sn96.5Ag3.5	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu.5 T3 Val-600g/C	41500600	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 20-38	41500542	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 20-38	41500607	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 25-45	41500433	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 25-45	41500605	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 25-45	41500289	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 25-45	41500293	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 25-45	41500302	SAC305	Yes
EM907 Solder Paste	EM907 11.5% Sn96.5Ag3Cu0.5 T3 750g DC	41500602	SAC305	Yes



Product Name	Description	Kester Part #	Alloy	Lead-Free
EM907 Solder Paste	EM907 965A3C05 1150 30 500J	PA2721	SAC305	Yes
EM907 Solder Paste	EM907 965A3C05 1150 40 500J	PA2734	SAC305	Yes
EM907 Solder Paste	EM907 Sn96.5Ag3.0Cu0.5 T3 88.5% 500g JAR	7006050810	SAC305	Yes
EM907 Solder Paste	EM907 Sn96.5Ag3.0Cu0.5 T3 88.5% 600g CRT	7006050811	SAC305	Yes
EM907 Solder Paste	EM907 Sn96.5Ag3.0Cu0.5 T3 88.5% 750g DEK	7006050819	SAC305	Yes
EM907 Solder Paste	EM907 Sn96.5Ag3.0Cu0.5 T4 88.5% 500g JAR	7006050910	SAC305	Yes
EM907 Solder Paste	EM907 Sn96.5Ag3.0Cu0.5 T4 88.5% 600g CRT	7006050911	SAC305	Yes
EM918 Solder Paste	EM918 11.5% Sn96.5Ag3Cu0.5 20-38	41500431	SAC305	Yes
EM918 Solder Paste	EM918 11.5% Sn96.5Ag3Cu0.5 25-45	41500412	SAC305	Yes
EM918 Solder Paste	EM918 11.5% Sn96.5Ag3Cu0.5 25-45	41500420	SAC305	Yes
EM918 Solder Paste	EM918 11.5% Sn96.5Ag3Cu0.5 25-45	41500610	SAC305	Yes
EM918 Solder Paste	EM918 11.5% Sn96.5Ag3Cu0.5-T3 500g/J-	41500599	SAC305	Yes
EM919G Solder Paste	EM919G 11.5% Sn96.5Ag3Cu0.5 25-45	41500504	SAC305	Yes
EM919G Solder Paste	EM919G 12% Sn95.5Ag3.8Cu.7 25-45	41500466	SAC387	Yes
EM919G Solder Paste	EM919G 12% Sn96.5Ag3Cu.5 25-45	41500598	SAC305	Yes
EM919G Solder Paste	EM919G 12% Sn96.5Ag3Cu0.5 25-45	41500457	SAC305	Yes
EM919G Solder Paste	EM919G 12% Sn96.5Ag3Cu0.5 25-45	41500576	SAC305	Yes
EM919G Solder Paste	EM919G 965A3C05 1200 40 500J	PA2940	SAC305	Yes
EM923 Solder Paste	EM923 965A3C05 1200 30 500J	PA3050	SAC305	Yes



Product Name	Description	Kester Part #	Alloy	Lead-Free
NP505-HR Solder Paste	NP505-HR Sn96.5Ag3.0Cu0.5 T3 88.5% 500g JAR	7040210810	SAC 305	Yes
NP505-HR Solder Paste	NP505-HR Sn96.5Ag3.0Cu0.5 T3 88.5% 600g CRT	7040210811	SAC 305	Yes
NP505-HR Solder Paste	NP505-HR Sn96.5Ag3.0Cu0.5 T4 88.5% 500g JAR	7040211410	SAC 305	Yes
NP505-HR Solder Paste	NP505-HR Sn96.5Ag3.0Cu0.5 T4 88.5% 600g CRT	7040211411	SAC 305	Yes
NP505-HR Solder Paste	NP505-HR Sn96.5Ag3.0Cu0.5 T5 88% 500gram jar	7040062010	SAC 305	Yes
NP505-HR Solder Paste	NP505-HR Sn96.5Ag3.0Cu0.5 T5 88% 600 gram cartridge	7040062011	SAC 305	Yes
NP505-LT Solder Paste	NP505-LT Sn42Bi57Ag1 T4 89.5% 500g JAR	7040032110	Sn42Bi57Ag1	Yes
NP505-LT Solder Paste	NP505-LT Sn42Bi57Ag1 T4 89.5% 600g CRT	7040032111	Sn42Bi57Ag1	Yes
NP545 Solder Paste	NP545 Sn96.5Ag3.0Cu0.5 T3 88.5% 500g JAR	7041050810	SAC305	Yes
NP545 Solder Paste	NP545 Sn96.5Ag3.0Cu0.5 T3 88.5% 600g CRT	7041050811	SAC305	Yes
NP545 Solder Paste	NP545 Sn96.5Ag3.0Cu0.5 T4 88.3% 500g JAR	7041050910	SAC305	Yes
NP545 Solder Paste	NP545 Sn96.5Ag3.0Cu0.5 T4 88.3% 600g CRT	7041050911	SAC305	Yes
NP545 Solder Paste	NP545 Sn96.5Ag3.0Cu0.5 T4 88.3% 750g DEK	7041050919	SAC305	Yes
NP560 Solder Paste	NP560 Sn96.5Ag3.0Cu0.5 T4 88.3% 500g JAR	7048230910	SAC305	Yes
NP560 Solder Paste	NP560 Sn96.5Ag3.0Cu0.5 T4 88.3% 600g CRT	7048230911	SAC305	Yes
NP560 Solder Paste	NP560 Sn96.5Ag3.0Cu0.5 T4 86.5% 100g SYR	7048250904	SAC305	Yes
NXG1 Solder Paste	NXG1 11.5% Sn96.5Ag3Cu.5 25-45	41500603	SAC305	Yes



Product Name	Description	Kester Part #	Alloy	Lead-Free
NXG1 Solder Paste	NXG1 11.5% Sn96.5Ag3Cu.5 -T3-500g/J	41500601	SAC305	Yes
NXG1 Solder Paste	NXG1 11.5% Sn96.5Ag3Cu0.5 25-45	41500535	SAC305	Yes
NXG1 Solder Paste	NXG1 11.5% Sn96.5Ag3Cu0.5 25-45	41500544	SAC305	Yes
NXG1 Solder Paste	NXG1 11.5% Sn96.5Ag3Cu0.5 25-45	41500551	SAC305	Yes
NXG1 Solder Paste	NXG1 11.5% Sn99Ag0.3Cu.7 25-45	41500618	SAC307	Yes
NXG1 Solder Paste	NXG1 Sn96.5Ag3.0Cu0.5 T3 88.5% 500g JAR	7032130810	SAC305	Yes
NXG1 Solder Paste	NXG1 Sn96.5Ag3.0Cu0.5 T3 88.5% 600g CRT	7032130811	SAC305	Yes
R253-5 Solder Paste	R253-5 Sn95Sb5 T3 88% 500g Jar	7015061410	Sn95Sb5	Yes
R253-5 Solder Paste	R253-5 Sn96.3Ag3.7 T3 88% 500g JAR	7015061510	Sn96.3Ag3.7	Yes
R253-5 Solder Paste	R253-5 Sn96Ag4 T3 88% 500g Jar	7015061610	Sn96Ag4	Yes
R253-5 Solder Paste	R253-5 Sn95Sb5 T5 88% 500g JAR	7015061710	Sn95Sb5	Yes
R276 Solder Paste	R276 12% Sn96.5Ag3Cu0.5 25-45	41500331	SAC305	Yes
R276 Solder Paste	R276 13% Sn96.5Ag3Cu0.5 25-45	41500373	SAC305	Yes
R276 Solder Paste	R276 13% Sn96.5Ag3Cu0.5 25-45	41500382	SAC305	Yes
R276 Solder Paste	R276 13% Sn96.5Ag3Cu0.5 25-45	41500421	SAC305	Yes
R276 Solder Paste	R276 13% Sn96.5Ag3Cu0.5 25-45	41500464	SAC305	Yes
R276 Solder Paste	R276 13.5% Sn96.5Ag3Cu0.5 20-38	41500534	SAC305	Yes
R276 Solder Paste	R276 14% Sn95.5Ag3.8Cu0.7 25-45	41500234	SAC387	Yes
R276 Solder Paste	R276 14% Sn96.5Ag3Cu0.5 20-38	41500422	SAC305	Yes
R276 Solder Paste	R276 14% Sn96.5Ag3Cu0.5 25-45	41500265	SAC305	Yes



Product Name	Description	Kester Part #	Alloy	Lead-Free
R276 Solder Paste	R276 Sn96.5Ag3.0Cu0.5 T3 86% 35g SYR	7016080820	SAC305	Yes
R520A Solder Paste	R520A 10% Sn99.3Cu0.7 25-45	41500210	SAC0307	Yes
R520A Solder Paste	R520A 10.5% Sn95.5Ag3.8Cu0.7 25-45	41500301	SAC387	Yes
R520A Solder Paste	R520A 96.5A3C05 1050 30 500J	PA2621	SAC305	Yes
R520A Solder Paste	R520A Sn96.5Ag3.0Cu0.5 T3 89.5% 500g JAR	7019030810	SAC305	Yes
R520A Solder Paste	R520A Sn96.5Ag3.0Cu0.5 T3 89.5% 600g CRT	7019030811	SAC305	Yes
R520A Solder Paste	R520A Sn96.5Ag3.0Cu0.5 T3 89.5% 750g DEK	7019030819	SAC305	Yes
R520A Solder Paste	R520A Sn96.5Ag3.0Cu0.5 T4 89.5% 600g CRT	7019030911	SAC305	Yes
WP616 Solder Paste	WP616 Sn96.5Ag3.0Cu0.5 T4 88.8% 500g JAR	7050220910	SAC305	Yes
WP616 Solder Paste	WP616 Sn96.5Ag3.0Cu0.5 T4 88.8% 600g CRT	7050220911	SAC305	Yes
WP616 Solder Paste	WP616 Sn96.5Ag3.0Cu0.5 T5 88.3% 500g JAR	7050232210	SAC305	Yes
WP616 Solder Paste	WP616 Sn96.5Ag3.0Cu0.5 T5 88.3% 600g CRT	7050232211	SAC305	Yes