

Atotech USA Inc.
Restriction of Hazardous Substance Determination

Insulectro									
Products		Hazardous Substances	lead/lead compounds	mercury/mercury compounds	cadmium/cadmium compounds	hexavalent chromium / hexavalent chromium compounds	polybrominated biphenyls (PBB)	polybrominated biphenyl ethers (PBDE).	Intentionally Added
SKU	DESCRIPTION	Thresholds (ppm)	1000 as Pb	1000 as Hg	100 as Cd	1000 as Cr ⁺⁶	1000	1000	
090007/5	SECURIGANTH 902 CLEANER	Clear							
090012/5	NEOGANTH B PREDIP SOLUTION	Clear							
090013/5	NEOGANTH 834 ACTIVATOR	Clear							
090017/5	REDUCTION SOLUTION CU	Clear							
090018/55	ATOTECH PH CORRECTION SOLUTION	Clear							
090046/5	CU PASSIVATION GS CONC.	Clear							
090055/5	CUPRAETCH HS								
090056/5	NOVIGANTH HC MAKE-UP SOL.	Clear							
090057/5	NOVIGANTH HC ADDITIVE SOLUTION	Clear							
090058/5	NOVIGANTH HC STABILIZER	Clear							
090059/5	ACIDCLEAN (TM) FR	Clear							
090067/5	NEOGANTH WA REDUCER	Clear							
090074/5	NEUTRAGANTH PART A	Clear							
090075Y/5	NEUTRAGANTH PART B	Clear							
090081Y/5	SECURIGANTH HC F45 CLEANER	Clear							
090095/5	SECURIGANTH P PRECONDITIONER	Clear							
090111/5	CUPRACID GS LEVELLER	Clear							
090113/5	MULTIBOND SO PART A	Clear							
090114/55	MULTIBOND SO PART B	Clear							
090122/5	CUPRACID BRIGHTENER	Clear							
090123/75	CUPRAETCH PT PART A	Clear							
090126/5	MULTIBOND M	Clear							
090135/5	ACIDCLEAN AF	Clear							
090145/5	NOVIGANTH TW STABILIZER	Clear							
090150/5	CUPRACID BL-CT LEVELLER	Clear							
090161/5	SULFOLYT ACID CONC	Clear							
090165/5	SECURI P-500 REDUCTION SOLN	Clear							
090201/5	AUROTECH ACTIVATOR	Clear							
090202/5	AUROTECH CNN MAKE-UP SOLUTION		No						Yes
090203/5	AUROTECH CNN REPLENISH SOL PTA	Clear							
090204/5	AUROTECH CNN REPLENISH SOL PTB		No						yes
090211/5	NEOPACT POST DIP SOLUTION	Clear							
090212/5	NEOPACT REDUCTION SOLUTION	Clear							
090213/5	NEOPACT BASIC SOLUTION	Clear							
090237/5	NEOPACT BUFFER SOLUTION	Clear							
090238/5	NEOPACT CONDITIONER N	Clear							
090256/5	AUROTECH EN CORRECTION SOL	Clear							

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SKU	DESCRIPTION	Thresholds (ppm)	1000 as Pb	1000 as Hg	100 as Cd	1000 as Cr ⁺⁶	1000	1000	
090268/25K	SULFOTECH PART A	Clear							
090269/25K	SULFOTECH PART B	Clear							
090270/5	AUROTECH SF STARTER SOLUTION	Clear							
090314/25K	NEOPACT CONDITIONER UX	Clear							
12106/5	BESBON ACID CLEAN PC-4 SPECIAL	Clear							
12119/5	BESBON CLEANER 99-L	Obsolete	No						
12123/5	BESBON CLEANER 415	Clear							
12350/5	COPPERPRO 200	Clear							
12354/5	COPPERPRO BUILDER	Clear							
12360/5	COPPERPRO 250	Clear							
12369/5	COPPERPRO LEVELER	Clear							
12402/5	BESBON E-339 ACID COPPER	Clear							
12410/5	BESBON E-339-H	Clear							
12519/5	BESBON 505 MAINTENANCE	Clear							
12523/5	BESBON 505 A	Clear							
12524/5	BESBON 505 B	Clear							
12653/5	ROPLATE IMMERS. TIN REPLENISH.	Clear							
12656/55	ROPLATE ET-50 PREDIP	Clear							
12657LA/55	ROPLATE ET-50 HIGH DEPOS TIN	Clear							
12823/15	DURABOND 750 B	Clear							
12827/5	DURABOND 750 AS	Clear							
12835/1	DURABOND 776PT CONCENTRATE	Clear							
AA/5	AA ACCELERATOR	Clear							
AC-UC/5	ACIDCLEAN UC	Clear							
AF-II/5	AF-II ANTIFOAM								
AT-CNN-TH/5	AUROTECH CNN ADDITIVE SOL TH		Yes						Yes
AT-DIP/5	AURODIP	Clear							
AT-SF-PL-MS/25K	AUROTECH SF PLUS MAKE-UP	Clear							
AT-SF-PL-RP/25K	AUROTECH SF PLUS REPLENISHER	Clear							
BNDF-A/5	BONDFILM PART A	Clear							
BNDF-AC/5	BONDFILM CLEANER AC	Clear							
BNDF-ACT/5	BONDFILM ACTIVATOR	Clear							
BNDF-ALK/5	BONDFILM CLEANER ALK	Clear							
BNDF-AP/55	BONDFILM PART A PLUS	Clear							
BNDF-B/5	BONDFILM PART B	Clear							
BNDF-SS/5	BONDFILM STARTER SOLUTION	Clear							
C-10-XB/5	UNICHROME C-10-XB LIQUID	Clear							
C-11-XB/5	UNICHROME C-11-XB LIQUID	Clear							
CC-150/5	CC-150	Clear							
CL-DF-MA/5	DF ACID COPPER MAINTENANCE	Clear							

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SKU	DESCRIPTION	Thresholds (ppm)	1000 as Pb	1000 as Hg	100 as Cd	1000 as Cr ⁺⁶	1000	1000	
CL-DF-MU/5	DF ACID COPPER MAKE-UP ADD.	Clear							
CL-HS/55	COPPER-LUME HS	Clear							
CL-PTHR/5	COPPERLUME PTH-R ADDITIVE	Clear							
CP-S3-BRT/5	CUPRAPULSE S3 BRIGHTENER	Clear							
CP-S4-LV/5	CUPRAPULSE S4 LEVELLER	Clear							
CP-S4-MU/5	CUPRAPULSE S4 MAKE-UP SOLUTION	Clear							
CUPE-BD/75	CUPRAETCH BD	Clear							
CUPE-DP/75	CUPRAETCH(TM) DP MICROETCHANT	Clear							
CUP-HBL-LV/5	CUPRACID HL LEVELLER	Clear							
CXB/5	CX-B CU-TRONIX COPPER PLATING	Clear							
FGR/5	FGR FLUOBORATE GRAIN REFINER	Clear							
GE-E/5	GE GLASS ETCH	Obsolete	No						No
HD1-C/55	HD-1 ELECTROLESS COPPER CONC.	Obsolete	No	No					No
HD-D/5	HD-D ELECTROLESS COPPER	Clear							
INP-MU/5	INPULSE MAKE UP SOLUTION	Clear							
LC-A/5	LC-A ELECTROLESS COPPER	Clear							
LC-B/5	LC-B ELECTROLESS COPPER	Clear							
MISC-410502	MISCELLANEOUS ELECTRONICS	Not chemistry							
MRBO-A/5	MULTIBOND RBO-A	Clear							
MRBO-B/5	MULTIBOND RBO-B	Clear							
PD/55	PD PRE CATALYST	Clear							
PDS-B/5	PDS PART B								
PRO-ACT-DP/5	PROACTIVE DP	Clear							
PRSF-C/5	PRO SELECT SF CONC	Clear							
PTC/1	PTC CATALYST CU-PREPLATE SYS.	Obsolete	No			No			No
PTG-UBS/5	PRINTOGANTH U BASIC SOLUTION	Clear							
PTG-UC/5	PRINTOGANTH U COPPER SOLUTION	Clear							
PTG-US/5	PRINTOGANTH U STABILIZER	Clear							
PY-61-H/5	PYROBRITE PY-61-H	Clear							
RES-AS-A/55	RESISTASSIST PART A	Clear							
RES-AS-B/5	RESISTASSIST PART B	Clear							
RR1/55	RESISTSTRIP RR-1	Clear							
RR-10/55	RESISTSTRIP RR-10	Clear							
RR3/5	RESISTSTRIP RR-3	Clear							
RR5/5	RESISTSTRIP RR-5	Clear							
RR6/5	RESISTSTRIP (TM) RR-6	Clear							
SBAYI-DURA-SQFT	SOUTH BAY/INSULECTRO DURABD SQ	Cannot find. SKU for billing purposes							

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SKU	DESCRIPTION	Thresholds (ppm)	1000 as Pb	1000 as Hg	100 as Cd	1000 as Cr ⁺⁶	1000	1000	
SC-EC-C/75	SECURIGANTH ETCH CLEANER C	Clear							
SEC-ENH-400/5	SECURE ENHANCER 400	Clear							
SEC-ETCH-100/55	SECURE ETCH 100	Clear							
SF-2000-C/25K	STANNATECH 2000 CONC.	Clear							
SF-SN-COR/5	STANNATECH SN CORRECTION SOL	Clear							
SF-ST-ADD/5	STANNATECH ADDITIVE	Clear							
SNP-XL-A/50	SOLDERSTRIP SNP-XL PART A	Clear							
SNP-XL-B/5	SOLDERSTRIP (TM) SNP-XL PART B	Obsolete	No						No
SN-SN-SOLC/25K	SF TIN SOLUTION C	Obsolete							
SOL-SB/5	SOLTECH SB	Obsolete	No						No
S-P225-DS/5	SECURIGANTH P-225 DOSING SOL.	Clear							
SP-SS/5	SOLDERSTRIP(TM) SP-III	Clear							
SS-1/50	SOLDERSTRIP SS-1	Clear							
SS-TS-D/55	SOLDERSTRIP TS DELTA	Clear							
SS-TS-O/55	SOLDERSTRIP TS OMEGA	Clear							
ST-LP-CNC/5	STANNATECH LP CONC.	Clear							
STNS-4/5	STANNOSPEED #4 ADDITIVE AGENT	Clear							
TR-AFR2/5	ACIDCLEAN (TM) AFR-2	Clear							
TR-AFR3/55	ACIDCLEAN AFR-3	Clear							
TS-ALPHA/50	SOLDERSTRIP TS-ALPHA	Clear							
TS-BETA/50	SOLDERSTRIP TS BETA	Clear							

Yes = present at > threshold concentration, No = present at < threshold concentration, Clear or blank = none present

The foregoing information is true and correct to the best of my knowledge.

Name : Gerald W Walker

Signature:

Title: Health Environmental and Safety Manager

Date: January 4, 2005