



FORMOSA CHEMICALS & FIBRE CORP.

201, Tung Hwa N. Road Taipei, Taiwan, R.O.C.

Fax: +886-2-27131649

Tel: +886-2-27122211

Certificate of Product Safety

January 21, 2022

Dear Sirs :

We hereby certify that the following resin produced by Formosa Chemicals & Fibre Corporation listed below:

TAIRILAC ABS	AE10EP, AG1000, AG100H, AG12A0, AG12A1, AG12A1-H, AG12A3, AG12AJ, AG15A0, AG15A1, AG15A1-H, AG15A2, AG15A3, AG15A5, AG15A6, AG15AB, AG15AJ, AG15AM, AG15E0, AG15E1, AG15E1-H, AG15E3, AG16A1, AF3500, AF3530, AF3535, AF3538, AF3538-H, AF3560, AF3600, AX4000, AX4100, AX4300, AG20GF, AG22AT, AG23AT, AG23AT-M, AG26AT, AG27AT, AT5500, AT5800, AG10NP, AG10NP-N, AG10AP, AE8000, AE8000-H, AE8200, AH2003, ANC100, ANC120, AX400M, ANC160, ANC180, AK1300, ANC180-B, AE8700
TAIRILAC ASA	WG1700, WG1800, WF3300, WF3301, WE8100, WE810P, WE8500, WE8300, WE830M
TAIRISAN SAN	NF2100, NF2200, NF2200AE, NX3200, NX3400
TAIRIREX PS	GP5000, GP5250, GP525N, GP5350, GP535A, GP535N, GP535N-1M, GP5500, GP5500-1M, GP5500-1Y, GP550N, GP550N-1Y, MP6500, HP8250, HP8258, HP825F, HP825H, HP9450, GP535P, GP535H, GP560N, HP825G, HP825T, HP825S, HP825N, HP835G
TAIRILOY PC/ABS	AC2000, AC2100, AC2108, AC2190, AC2300, AC2400, AC2500, AC2501- AF, AC2508, AC25BM, AC3100, AC3100AF, AC3108, AC3208, AC3250, AC3300
TAIRILITE PC	AC111(X), AC2120, AC2820, AC3600, AC3600-AF, AC3610, AC3610-AF, AC3630, AC3630-AF, AC3700, AC3710, AC3800, AC3900, AC285(X), AC291(X), AC292(X), AC293(X), AC294(X), AC295(X), AC351(X), AC383(X), AC384(X), AC385(X), AC386(X), AC387(X), AC388(X), AC389(X), AC3910-AF, AC6000, AC914(X), AC983(X)

conforms to the requirement that no chemicals as following are added.

1. PBBEs (Poly Bromo Bisphenyl Ethers),PBDEs(Polybrominated diphenyl ethers, PBDEs)
2. PBBs (Poly Bromo Bisphenyls),
3. Ozone Depleting Chemicals (CFCs & HCFCs),
4. Short Chain Chlorinated Paraffin (C10-C13) (SCCPs),



FORMOSA CHEMICALS & FIBRE CORP.

201, Tung Hwa N. Road Taipei, Taiwan, R.O.C.

Fax: +886-2-27131649

Tel: +886-2-27122211

5. Polyvinyl Chloride (PVC),
6. Mercury (Hg) and its compounds,
7. Lead (Pb) and its compounds,
8. Cadmium (Cd) and its compounds,
9. Chromium (Cr) and its compounds,
10. Arsenic (As) and its compounds,
11. Antimony (Sb) and its compounds,
12. Selenium (Se) and its compounds,
13. Barium (Ba) and its compounds,
14. Chromium (Cr) VI and its compounds,
15. Organic tin compounds,
16. Polychlorinated Biphenyls (PCBs) and Terphenyls (PCTs),
17. Poly naphthalenes,
18. Azo compounds,
19. Polychlorinated naphthalene,
20. Asbestos,
21. Phthalates
 - (1). Di-(2-ethylhexyl) phthalate (DEHP)
 - (2). Butyl benzyl phthalate (BBP)
 - (3). Dibutyl phthalate (DBP)
 - (4). Diisobutyl phthalate (DIBP)
 - (5). Diisodecyl phthalate (DIDP)
 - (6). Diisononyl phthalate (DINP)
 - (7). Di-n-octyl phthalate (DNOP)
 - (8). Dipropylheptyl phthalate
 - (9). 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (DHP)
 - (10). 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (DPP)
 - (11). N-pentyl iso-pentyl phthalate (NPIPP)
 - (12). Diisononyl adipate
 - (13). Di-2-ethylhexyl adipate (DEHA)
 - (14). Dimethyl phthalate (DMP)
 - (15). Dipropyl phthalate (DPrP)
 - (16). Di-cyclohexyl phthalate (DCHP)
 - (17). Di-ethyl phthalate (DEP)
 - (18). Diisooctyl phthalate (DIOP)
 - (19). Di-n-nonyl phthalate (DNNP)
 - (20). Di-n-hexyl phthalate (DNHP)
 - (21). Bis(2-methoxyethyl) phthalate (DMEP)
 - (22). Dibenzyl phthalate
 - (23). Diphenyl phthalate (DPhP)
 - (24). Diisopentyl phthalate (DIPP)
 - (25). Bis(2-ethoxyethyl) phthalate (DEEP)



FORMOSA CHEMICALS & FIBRE CORP.

201, Tung Hwa N. Road Taipei, Taiwan, R.O.C.

Fax: +886-2-27131649

Tel: +886-2-27122211

- (26). 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)
 - (27). 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)
 - (28). Diallyl phthalate (DAP)
 - (29). Di-n-pentyl phthalate (DNPP)
 - (30). Diundecyl phthalate (DUP)
 - (31). Di-n-decylphthalate
 - (32). bis(2-n-Butoxyethyl) phthalate (DBEP)
 - (33). bis(4-Methyl-2-pentyl) phthalate (BMPP)
 - (34). Di-n-heptyl phthalate
 - (35). Dioctyl terephthalate (DOTP)
 - (36). 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate
 - (37). Diisohexyl phthalate (DIHxP)
 - (38). Dimethyl terephthalate (DMTP)
- 22. Nonyl-phenol (NP),
 - 23. Nonyl-phenol-ethoxylates (NPE),
 - 24. 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole,
 - 25. Red phosphorus,
 - 26. Perfluorooctane sulfonate (PFOS) & Perfluorooctanoic acid (PFOA)
 - 27. Dimethylformamide(DMF)
 - 28. Formaldehyde
 - 29. Persistent Organic Pollutants(POPs)

With regard to composition of above grades, they can comply with the Directives of RoHS (2011/65/EU), 2003/11/EC, EN71 part 3 and SONY standard (SS-00259).

Sincerely Yours,

C. C. Chen

Assistant Vice President

Plastics Division

