



PT. ADHI JAYA *Metalindo*

Kompleks Industri Mekar Jaya JL. Raya Mauk KM.7, Karet Jaya II
No. 8, Tangerang 15520, Banten – Indonesia.
Telp. (021) 59373007, 59373020. Fax. (021) 59373010

DECLARATION OF COMPLIANCE

PT. ADHI JAYA METALINDO

KOMPLEKS INDUSTRY MEKAR JAYA, JL. KARET JAYA II NO.8
TANGERANG BANTEN, INDONESIA

Product Name and Grade : Aluminium Wire for Metalizing 2.00 mm 99,9%
Product Type : IRU 320

Assesment Declaration of Compliance applies to the following Product :

Product Manufacture

PT. Adhi Jaya Metalindo, Indonesia

Material Identity

Aluminium purity 99.9%

Quality System

Manufacture adopt system ISO 9001:2008

Declaration of Compliance to Regulation :

- **RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU**
Confirm if the product meet the relevant requirements of the following Directives
 - I. Directive 2011/65/EU (RoHS – Restriction of Hazardous Substances) that has repealed the Directive 2002/95/EC and amendments
 - II. Directive 2012/19/EU (on Waste Electrical and Electronic Equipment WEEE) and the maximum concentration values (by weight) in the homogeneous materials for the following restricted substances are:

- Cadmium	< 0.01%
- Hexavalent chromium	< 0.1%
- Lead	< 0.1%
- Mercury	< 0.1%
- Polybrominated Biphenyls (PBB)	< 0.1%
- Polybrominated Diphenyls ethers (PBDE)	< 0.1%
- **ASTM B233-99** and Fulfilled The Government Food and Drug Administration Requirement as specified in The Code of Federal Regulation in **21 CFR 177.1390** and as well as **EN 14287**, for use in the direct contact with Foods.
- **SHELF LIFE** Recommended six (6) Month since the incoming.



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- **Absence of chemical substances**

Confirm if the chemicals listed, are not intentionally added in the product

1. Substances listed in California Proposition 65 list
2. Ozone depleting substances (ODS) according to the Montreal Protocol
3. Alkylphenols and derivatives
 - Octylphenol ethoxylates (CAS No. 9036-19-5, 9002-93-1, 68987-90-6)
 - Nonylphenol ethoxylates (CAS No. 9016-45-9, 26027-38-3, 68412-54-4, 104-35-8, 20427-84-3,)
 - Nonylphenoxypolyethoxyethanol (CAS No. 127087-87-0)
 - Octamethylcyclotetrasiloxane (CAS No. 556-67-2)
 - Polyoxyethylene lauryl ether (CAS No. 9002-92-0)
4. Nonyl Phenols
 - Tris(nonylphenol) Phosphite (CAS No. 26523-78-4)
 - n-Nonylphenol (mixed isomers) (CAS No. 104-40-5, 25154-52-3, 84852-15-3)
 - Octyl phenol (CAS No. 27193-28-8, 140-66-9, 1806-26-4)
5. Azodye / azo colourants which form one of the aromatic amines
 - 4-Aminodiphenyl (CAS No. 92-67-1)
 - Benzidine (CAS No. 92-87-5)
 - 4-Chloro-o-Toluidine (CAS No. 95-69-2)
 - 2-Naphthylamine (CAS No. 91-59-8)
 - o-Aminoazotoluene (CAS No. 97-56-3)
 - 2-Amino-4-nitrotoluene (CAS No. 99-55-8)
 - p-Chloroaniline (CAS No. 106-47-8)
 - 2,4-Diaminoanisole (CAS No. 615-05-4)
 - 4,4 – Diaminodiphenylmethane (4,4 MDA) (CAS No. 101-77-9)
 - 3,3'-Dichlorobenzidine (CAS No. 91-94-1)
 - 3,3-Dimethoxybenzidine (CAS No. 119-90-4)
 - 3,3'-Dimethylbenzidine (CAS No. 119-93-7)
 - 3,3'-Dimethyl-4,4'-diaminodiphenylmethane (CAS No. 838-88-0)
 - p-Cresidine (CAS No. 120-71-8)
 - 4,4'- Methylene bis(2-chloraniline) (CAS No. 101-14-4)
 - 4,4 Oxydianiline (CAS No. 101-80-4)
 - 4,4' – Thiodianiline (CAS No. 139-65-1)
 - o-Toluidine (CAS No. 95-53-4)
 - 2,4 – Toluenediamine (2,4 TDA) (CAS No. 95-80-7)
 - 2,4,5-Trimethylaniline (CAS No. 137-17-7)
 - 2-Methoxyaniline (=o-Anisidine) (CAS No. 90-04-0)
 - 4-Aminoazobenzene (CAS No. 60-09-3)
6. Adipates
 - Bis(2-ethyl hexyl) adipate (DEHA) (CAS No. 103-23-1)
 - Dibutyl adipate (CAS No. 105-99-7)
 - Ethyl Hydrogen adipate (CAS No. 626-86-8)



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7. Acrylates

- Butanediol Diacrylate (BDDA) (CAS No. 1070-70-8)
- Diethylene glycol diacrylate (DEGDA) (CAS No. 4074-88-8)
- Isodecyl acrylate (IDA) (CAS No. 1330-61-6)
- Octyl acrylate (ODA) (CAS No. 2499-59-4)
- Phenoxy ethyl acrylate (CAS No. 48145-04-6)
- Trimethylol propane triacrylate (TMPTA) (CAS No. 15625-89-5)
- Dipropylene glycol diacrylate (DPGDA) (CAS No. 57472-68-1)
- 1,6 Hexanediol diacrylate (HDDA) (CAS No. 13048-33-4)
- 2-Ethyl hexyl acrylate (2EHA) (CAS No. 103-11-7)
- Mixtures of pentaerythritol tri- and tetra-acrylates (PETA) (CAS No. 3524-68-3)
- Tetraethylene glycol diacrylate (TEGDA) (CASA No. 17831-71-9)

8. Acrylonitrile

- Acrylonitrile (CAS No. 107-13-1)
- Polyacrylonitrile (CAS No. 25014-41-9)

9. Benzophenone and its derivatives

- 2-hydroxybenzophenone (CAS No. 117-99-7)
- 3-hydroxybenzophenone (CAS No. 13020-57-0)

10. Bisphenols

- Bisphenol A (BPA) (CAS No. 80-05-7)
- Bisphenol F (BPF) (CAS No. 620-92-8)
- Bisphenol S (BPS) (CAS No. 80-09-1)

11. Brominated flame retardants

- Polybrominated biphenyls (PBBs) (CAS No. 5953-65-1)
- Polybrominated diphenyl ether (PBDEs) (CAS No. 32534-81-9)
- Tetrabromobisphenol-A (TBBA, TBBPA)
- Other Brominated flame retardants

12. Chlorinated flame retardants

- Tris(1-chloro-2-propyl) phosphate (CAS No. 13674-84-5)
- Tris(2,3-dichloro-1-propyl) phosphate (CAS No. 66108-37-0)
- Other Chlorinated flame retardants

13. Chloroanisole

- 2,4 – Dichloroanisole (CAS No. 553-82-2)
- 2,4,6 Trichloroanisole (CAS No. 87-40-1)
- 2,3,4,6 Tetrachloroanisole and other derivatives (CAS No. 938-86-3)

14. Chlorophenols

- Pentachlorophenol (CAS No. 87-86-5)
- 2,4,5 –trichlorophenol (CAS No. 95-95-4)
- 6-chloro-O-cresol (CAS No. 87-64-9) and its derivatives

15. Epoxy derivatives

- Bis (hydroxyphenyl) methane bis (2,3 epoxypropyl) ether (BFDGE) (CAS No. 39817-09-9)
- Novolac glycidyl ethers (NOGE)



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- 2,2-bis(4(hydroxyphenyl)propane bis(2,3 epoxypopyl) ether (BADGE) (CAS No. 1675-54-3) and some of its derivatives
 - 2,3-dihydroxypropyl ether (BADGE, H₂O) (CAS No. 76002-91-0)
 - 2,3-dihydroxypropyl ether (BADGE.2, H₂O) (CAS No. 5581-32-8)
 - 3-chloro-2-hydroxypropyl glycidyl (BADGE.2 HCL) (CAS No. 4809-35-2)
 - (3-chloro-2-hydroxypropyl) – 2,3-dihydroxypropyl ether (BADGE. H₂O.HCL) (CAS No. 227947-06-0)
- 16. Epoxy Silanes
 - Glycidyl 3-(trimethoxysilyl)propyl ether, GLYMO (CAS No. 2530-83-8)
 - 3-(glycidyloxopropyl) triethoxysilane, GTS (CAS No. 2602-34-8)
- 17. Mineral Oil
 - Mineral oil aromatic hydrocarbons (MOAH)
 - Mineral Oil saturated hydrocarbons (MOSH)
- 18. Perfluoroalkylated substances (PFASs)
 - Perfluorooctane sulfonate acid (PFOS) (CAS No. 1763-23-1)
 - Perfluorooctanoic acid (PFOA) (CAS No. 335-67-1)
 - Perfluorononanoic acid (PFNA) (CAS No. 375-95-1)
 - Perfluorobutanoic acid (PFBA) (CAS No. 375-22-4)
 - Perfluoro-alkyl phosphate esters (PAPs)
 - perfluorinated carboxylic acids (PFCAs)
- 19. Plasticizers
 - Triethyl citrate (CAS No. 77-93-0)
 - Acetyltriethyl citrate (CAS No. 77-89-4)
 - Tributyl citrate (CAS No. 77-94-1)
 - Acetyltributyl citrate(ATBC) (CAS No. 77-90-7)
- 20. Polychlorinated compounds
 - Polychlorinated biphenyls (PCBs) (all isomers and congeners) (CAS No. 1336-36-3)
 - Polychlorinated terphenyls (PCTs) (CAS No. 61788-33-8)
- 21. Photo-initiators
 - 2-Isopropyl thioxanthone (2-ITX) (CAS No. 5495-84-1)
 - 4-isopropyl 9H-thioxanthone (4-ITX) (CAS No. 83846-86-0)
 - Benzophenone (CAS No.119-61-9)
 - 2-Methyl benzophenone (CAS No.131-58-8)
 - 4-Methyl benzophenone (CAS No.134-84-9)
 - 2,4,6-trimethylbenzo phenone (CAS No.954-16-5)
 - 2-(Dimethyamino)ethyl benzoate (CAS No. 2208-05-1)
 - 2-hydroxy 2-methyl propiophenone (CAS No. 7473-98-5)
 - 1-hydroxycyclohexyl phenylketone (CAS No. 947-19-3)
 - 2,2 Dimethoxy 2-phenyl acetophenone (CAS No. 24650-42-8)



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- 2-Methyl 4'-(methylthio) 2- morpholino-propiofenone (CAS No. 71868-10-5)
- 2,4-Diethyl 9h-thioxanthen-9-one (CAS No. 82799-44-8)
- Diphenyl (2,4,6-trimethyl benzoyl) phosphine oxide (CAS No. 75980-60-8)
- 4-Hydroxybenzophenone (CAS No. 1137-42-4)
- 4-methylbenzophenone (CAS No. 134-84-9)
- 4,4 Tetramethyldiaminobenzophenone (CAS No. 90-94-8)

22. Phthalates

- Butyl Benzyl Phthalate (BBP) (CAS No. 85-68-7)
- Di-isobutyl Phthalate (DiBP) (CAS No. 84-69-5)
- Diethyl Hexyl Phthalate (DEHP) (CAS No. 117-81-7)
- Di-butylphthalate (DBP) (CAS No. 84-74-2)
- Di-isononyl phthalate (DINP) (CAS No. 28553-12-0)
- Diethyl phthalate (DEP) (CAS No. 84-66-2)
- Di-iso-octyl phthalate (DIOP) (CAS No. 27554-26-3)
- Di-iso-decyl phthalate (DIDP) (CAS No. 26761-40-0)
- Dicyclo-hexyl phthalate (DCHP) (CAS No. 84-61-7)
- Di-methyl-cyclo-hexyl phthalate (DMCHP) (CAS No. 1322-94-7)
- Di-methoxyl-ethyl-phthalate (DMEP) (CAS No. 117-82-8)
- Dimethyl phthalate (DMP) (CAS No. 131-11-3)
- Diallyl phthalate (CAS No. 131-17-9)
- Dioctyl phthalate (DNOP) (CAS No. 117-84-0)
- Diphenyl phthalate (DPP) (CAS No. 131-18-0)
- Di-n-nonyl phthalate (DNP) (CAS No. 84-76-4)
- Di-(2-butoxyethyl) phthalate (DBEP) (CAS No. 117-83-9)
- others

23. Polycyclic aromatic hydrocarbons (PAHs)

- Anthracene (CAS No. 120-12-7)
- Benz(a)anthracene (CAS No. 56-55-3)
- Benzo(a) pyrene (CAS No. 50-32-8)
- Benzo(b)fluoranthene (CAS No. 205-99-2)
- Benzo(e) pyrene (CAS No. 192-97-2)
- Benzo(ghi)perylene (CAS No. 191-24-2)
- Benzo(j)fluoranthene (CAS No. 205-82-3)
- Benzo(k)fluoranthene (CAS No. 207-08-9)
- Chrysene (CAS No. 218-01-9)
- Dibenz(a,h)anthracene (CAS No. 53-70-3)
- Acenaphthene (CAS No. 83-32-9)
- Acenaphthylene (CAS No. 208-96-8)
- Fluoranthene (CAS No. 206-44-0)
- Naphthalene (CAS No. 91-20-3)
- Pyrene (CAS No. 129-00-0)

24. Polyvinyl Chloride and its copolymers

- Poly Vinyl Chloride (CAS No. 9002-86-2) and PVC blends



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- Polyvinylidene Chloride (PVDC) (CAS No. 9002-85-1)
- PVC Copolymers
- Other Polyvinyl chlorides

25. Solvents

- methyl-2-pyrrolidinone (CAS No. 872-50-4)
- 2-Methoxyethanol (Methyl glycol) (CAS No. 109-86-4)
- 2-Ethoxyethanol (Ethyl glycol) (CAS No. 110-80-5)
- Monochlorobenzene (CAS No. 108-90-7)
- Toluene (CAS No. 108-88-3)
- Methanol (CAS No. 67-56-1)
- Cyclohexane (CAS No. 110-82-7)
- Methyl Ethyl Ketone (MEK) (CAS No. 78-93-3)
- Methyl Isobutyl Ketone (MiBK) (CAS No. 108-10-1)
- Hexanol (CAS No. 111-27-3)
- 2-Ethyl-1-hexanol (CAS No. 104-76-7)
- N-octanol (CAS No. 111-87-5)
- Butyl glycol (CAS No. 111-76-2)
- Hexylene glycol (CAS No. 107-41-5)
- Butoxypropanol (CAS No. 5131-66-8)
- Butoxy propoxy propane propanol (CAS No. 29911-28-2)
- Ethanediol (CAS No. 107-21-1)
- Diethylene glycol (CAS No. 111-46-6)
- Triethylene glycol (CAS No. 112-27-6)
- Butyl glycol acetate (CAS No. 112-07-2)
- 1-methoxy-2-propylacetate (CAS No. 108-65-6)
- Ethylbenzene (CAS No. 100-41-4)
- 1-Pentanol (CAS No. 71-41-0)
- Ethyl diglycol (CAS No. 111-90-0)
- Butyl diglycol (CAS No. 112-34-5)

26. Regulation 1272/2008/EC Annex VI

- Butylated hydroxyl anisole (BHA) (CAS No. 25013-16-5)
- Triclosan (CAS No. 3380-34-5)
- Vinyl chloride monomer (VCM) (CAS No. 75-01-4)
- 2-(3,5-Di-tert-butyl-2-hydroxyphenyl)benzotriazole (CAS No. 3846-71-7)
- 2-Ethylhexanoic Acid (2-EHA) (CAS No. 149-57-5)

27. Others

- Asbestos (CAS No. 1332-21-4)
- Azodicarbonamide (CAS No. 123-77-3) or semi-carbazide compounds
- Acrylamide (CAS No. 79-06-1)
- Biocides and fungicides including Dimethyl fumarate (EU Commission Decision 2009/251/EC), paraben
- Benzene (CAS No. 71-43-2)
- Butylated hydroxy toluene (BHT) (CAS No. 128-37-0)
- Bromoanisoles (CAS No. 104-92-7, 2398-37-0, 578-57-4)



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- Cellulose acetate (CAS No. 9004-35-7)
- Cyanuric acid (CAS No. 108-80-5)
- Di-Cyan-diamide (CAS No. 461-58-5)
- Dioxins (CAS No. 1746-01-6) and furans
- Epoxidised soya bean oil (ESBO) (CAS No. 8013-07-8)
- Ethanol (CAS No. 64-17-5)
- 2-Ethylhexyl-4-Dimethylaminobenzoate (CAS No. 21245-02-3)
- 2,4-di-tert-butylphenol (CAS No. 96-76-4)
- Hexachlorobenzene (CAS No. 118-74-1)
- Formaldehyde base
- Latex
- Melamine (CAS No. 108-78-1)
- Natural rubber or Natural rubber Latex (CAS No. 9006-04-6)
- Organotin derivatives
- Styrene (CAS No. 57-56-7) & Polystyrene (CAS No. 9003-53-6)
- Tertbutylhydroxyquinone (TBHQ) (CAS No. 1948-33-0)
- Titanium acetyl acetonate (TAA) (CAS No. 108-88-3) & 2,4-Pentanedione (CAS No.123-54-6)
- Xylene mixture of isomers (CAS No. 1330-20-7)

Tangerang, June 29, 2018

Certified by,

A handwritten signature in blue ink, appearing to be 'A. Saputra', enclosed in a light blue rectangular box.

Adis Saputra