

MATERIAL DECLARATION DATA SHEET
ADE SERIES AIR DRY EPOXY SCREEN INK

March 2005

Compliance for the above mentioned product(s) is based on raw material supplier information and the Nazdar formula(s). This information can be used for compliance with the listed regulations on Page 3 of the Material Declaration Data Sheet without any formal guarantee as the product(s) is not analyzed on a regular basis. However, based on our experience and knowledge, the purity requirements are fulfilled.

Random testing for this series has indicated the following results:

Test Date: 3/2005

Test Color: ADE52 Opaque Black

Results: < 0.250 ppm Lead
< 0.500 ppm Chromium
(0.1% = 1000 ppm) < 0.250 ppm Cadmium
(0.01% = 100 ppm) 0.025 ppm Mercury

For additional Regulatory information, please refer to the Material Safety Data Sheet (MSDS) available at www.nazdar.com or contact the Regulatory Compliance Department via phone (913-422-1735), fax (913-422-2294) or email (regcomp@nazdar.com).

Refer to Page 3 of the Material Declaration Data Sheet for regulations which may apply to the below listed product(s). For certain regulations, lot specific testing is highly recommended (e.g. ASTM F 963-96a, EN71-3:1994, etc).

ADE10	ADE11	ADE12	ADE19	ADE20	ADE22
ADE26	ADE315	ADE405	ADE435	ADE456	ADE503
ADE52	ADE538	ADE568	ADE578	ADE586	ADE62
ADE67	ADE75	ADE78	ADE80	ADE81	ADE82
ADE83	ADE84	ADE85	ADE86	ADE87	ADE88
ADE89	ADE90				

MATERIAL DECLARATION DATA SHEET
ADE SERIES AIR DRY EPOXY SCREEN INK



MDDS Code: ADENL

Page 3 of 4

Level A Materials/Substances

Material/Substance	Threshold Level	In product? Y/N	Applicable Regulations
Asbestos	Intentionally added	N	Directive 76/769/EEC
Azocolourants and Azodyes	Intentionally added	N	Directive 76/769/EEC
Cadmium/Cadmium Compounds	100 ppm or Intentionally added	Below Threshold	Directive 76/769/EEC Directive 2000/53/EEC Directive 2002/95/EEC Directive 2002/96/EEC (CSG) Council of State Governments
	75 ppm	Below Threshold	ASTM F 963 – 96a EN71-3: 1994
Hexavalent Chromium/Hexavalent Chromium Compounds	1000 ppm or Intentionally added	Below Threshold	Directive 76/769/EEC Directive 2000/53/EEC Directive 2002/95/EEC Directive 2002/96/EEC
	60 ppm	Below Threshold	ASTM F 963 – 96a EN71-3: 1994
	100 ppm	Below Threshold	(CSG) Council of State Governments
Lead/Lead Compounds	1000 ppm or Intentionally added	Below Threshold	Directive 76/769/EEC Directive 2000/53/EEC Directive 2002/95/EEC Directive 2002/96/EEC
	90 ppm	Below Threshold	ASTM F 963 – 96a EN71-3: 1994
	600 ppm	Below Threshold	16 CFR 1303
	100 ppm	Below Threshold	(CSG) Council of State Governments
Mercury/Mercury Compounds	1000 ppm	Below Threshold	Directive 76/769/EEC Directive 2000/53/EEC Directive 2002/95/EEC Directive 2002/96/EEC
	60 ppm	Below Threshold	ASTM F 963 – 96a EN71-3: 1994
	100 ppm	Below Threshold	(CSG) Council of State Governments
Ozone Depleting Substances	Class I: Intentionally added Class II: HCFCs: 1000 ppm	N	Directive 76/769/EEC
Polybrominated Biphenyls	1000 ppm	N	Directive 2002/95/EEC
Polybrominated Diphenylethers	1000 ppm	N	Directive 2002/95/EEC Directive 76/769/EEC
Polychlorinated Biphenyls	Intentionally added	N	Directive 76/769/EEC
Polychlorinated Naphthalenes	Intentionally added	N	The Law concerning the Examination and Regulation of Manufacture etc. of Chemical Substances (Class 1 chemical substances: Japanese Law)
Radioactive substances	Intentionally added	N	Laws for the Regulation of Nuclear Source Material, Nuclear Fuel Material, and Reactors, 1986 (Japanese Law)
Certain Shortchain Chlorinated Paraffins	Intentionally added	N	Directive 76/769/EEC
Tributyl Tin and Triphenyl Tin	Intentionally added	N	The Law concerning the Examination and Regulation of Manufacture etc. of Chemical Substances (Class 1 chemical substances: Japanese Law)
Tributyl Tin Oxide	Intentionally added	N	The Law concerning the Examination and Regulation of Manufacture etc. of Chemical Substances (Class 1 chemical substances: Japanese Law)

Level B Materials/Substances

Material/Substance	Threshold Level	In product? Y/N	Applicable Regulations
Antimony/Antimony Compounds	1000 ppm	N	Not Applicable
	60 ppm	N	EN71-3: 1994
Arsenic/Arsenic Compounds	1000 ppm	N	Not Applicable
	25 ppm	N	EN71-3: 1994
Beryllium/Beryllium Compounds	1000 ppm	N	Not Applicable
Bismuth/Bismuth Compounds	1000 ppm	N	Not Applicable
Brominated Flame Retardants (other than PBBs or PBDEs)	1000 ppm	N	Not Applicable
Nickel	1000 ppm	N	Not Applicable
Phthalates	1000 ppm	Contact RCD*	Not Applicable
Selenium/Selenium Compounds	1000 ppm	N	Not Applicable
	500 ppm	N	EN71-3:1994
Poly Vinyl Chloride Polymer (PVC)	1000 ppm	N	Not Applicable

*Contact Nazdar's Regulatory Compliance Dept for information. Phone (913-422-1735) / Fax (913-422-2294) / Email (regcomp@nazdar.com).

Date Printed: 10/7/05

Revision Date: 10/6/05

MATERIAL DECLARATION DATA SHEET
ADE SERIES AIR DRY EPOXY SCREEN INK

NAZDAR

MDDS Code: ADENL

Page 4 of 4

DEFINITIONS

16 CFR 1303:	Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint
ASTM F 963 – 96a:	United States Voluntary Safety Standard for Toys
CSG: Council of State Governments:	United States Legislation regarding the use of certain materials used for packaging (Formerly known as CONEG)
EN71-3: 1994:	European Safety Standard for Toys
European Directive 76/769/EEC:	Marketing and Use of Dangerous Substances and Amendments
European Directive 2000/53/EEC:	End of Life Vehicles
European Directive 2002/95/EEC:	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (ROHS)
European Directive 2002/96/EEC:	Waste of Electrical and Electronic Equipment (WEEE)
Intentionally Added:	Deliberate use in the formulation of a product or subpart where its continued presence is desired to provide a specific characteristic, appearance or quality. If listed materials or substances are contained in products or subparts purchased by supplier and are incorporated, such materials/substances must be disclosed if the supplier has knowledge (or with reasonable inquiry should have knowledge) of the presence of such materials or substances.
Material:	A material is made up of one or more substances (e.g., an alloy is a material, which in turn is made up of a number of substances).
Phthalates:	Based on the Joint Industry Guide, Annex F, phthalates include the following: <i>Bis (2-ethylhexyl) phthalate (DEHP)</i> CAS #: 117-81-7 <i>Dibutylphthalate (DBP)</i> CAS #: 84-74-2 <i>Bis (2-methoxyethyl) phthalate (DBP)</i> CAS #: 117-82-8
Product:	The item that the respondent is supplying (e.g. assembly, subassembly, component, raw material). A product may include product families if the products within those families perform the same function and have consistent material declarations.
Substances:	Substances are chemical elements and their compounds (e.g., lead (chemical element), lead oxide (compound), polyvinyl chloride (compound). Registry numbers (RN) of the Chemical Abstracts System of the American Chemical Society ("CAS" numbers) are attributed to all chemical elements and most of their compounds and should be used for their identification. CAS numbers are provided (in Annex F) for these substances where known.
Threshold level:	Concentration level which defines the limit (equal to or) above which the presence of a substance or material in a product or subpart must be declared.