

TECHNICAL BULLETIN 7.8

EHS Regulations Overview (front and adhesive)									
✓ = product does comply no = product does not comply									
Toy regulation									
		EN 71-3 ¹⁾	EN 71-9 ²⁾	2005/84/EC ³⁾	2000/53/EC ⁴⁾	Phthalate free ⁵⁾	REACH/SVHC ⁶⁾ 94/62/EC ⁷⁾	2011/65/EC ⁸⁾	
p/permanent, r/removable, st/supertack, df/deep freeze, ur/ultra removable									
Fasson® Offset (papers) adhesive									
White papers (Vellux, MC White, GlossArt, High Gloss White)	p,r,st,df	✓	ask you CSR	✓	✓	✓	✓	✓	✓
FSC White papers (Vellum, MC White, High Gloss White)	p	✓	ask you CSR	✓	✓	✓	✓	✓	✓
Specialty papers (Coverall, Radiants, Pastels, Satins, HGW Postcard, Board, Crème Vergé, Copyface, GumTwin, Twoface, Mattcover, Piggyback, White Manilla)	p,st	✓	ask you CSR	✓	✓	✓	✓	✓	✓
Offset&Laser (Vellux, MC White)	p	✓	ask you CSR	✓	✓	✓	✓	✓	✓
DI-OF (MC Matt, MC Gloss, High Gloss White)	p	✓	ask you CSR	✓	✓	✓	✓	✓	✓
Fasson® Offset (non-papers) adhesive									
Specialties (Laminated Foils, Acetates, Acetate Satin Cloth, Tyvek)	p	✓	no	✓	✓	✓	✓	✓	✓
Offset Vinyl (White, Transparent)	p,r	✓	ask you CSR	no	✓	no	✓	✓	✓
Offset PE White Matt	r	✓	no	✓	✓	✓	✓	✓	✓
DI-OF (PE, PP, PET films)	p,r	✓	ask you CSR	no	✓	<25ppm	✓	✓	✓
Avery® Screen (films) adhesive									
Avery 400/420/440 (White, Transparent)	p,r,st,ur	✓	ask you CSR	no	✓	no	✓	✓	✓
Avery 400 Colours	p	✓	ask you CSR	no	✓	no	✓	✓	✓
Specialty Films (Coverall, 400 Imperial)	p,r	✓	ask you CSR	no	✓	no	✓	✓	✓
Greenline (White, Transparent)	p	✓	ask you CSR	✓	✓	<25 ppm	✓	✓	✓
Superscreen 100	r	✓	ask you CSR	no	✓	no	✓	✓	✓
Polyesters/Aluminiums (710, 711, 750, 772, Solid Foil)	p	✓	no	✓	✓	✓	✓	✓	✓

- EN 71-3 = European standard EN 71 specifies safety requirements for toys. EN 71, part 3 specifies the migration of heavy metals.
 - EN 71-9 = This part 9 of the document EN 71 for safety of toys, specifies requirements for the migration or content of certain hazardous organic chemical compounds from/in certain toys and toy materials. *For actually information please ask you responsible CSR.
 - Directive 2005/84/EC of 14 December 2005 relating to restrictions on the marketing and use of certain dangerous substances and preparations (phthalates in toys and childcare articles). All products comply with this Directive with the exception of Avery Promotional Films (White, Transparent, Coloured and Specialties), Fasson Offset Vinyl.
 - Directive 2000/53/EC of 18 September 2000 on End of Life Vehicles (ELV). This directive prescribes what to do with vehicles when they have lost their intended functionality. Relevant for GRS-E standard products is article 4 lid 2(a) from this Directive, regulating hazardous substances being lead, mercury, cadmium or hexavalent chromium. In GRS-E standard products these substances are not intentionally used and/or will not exceed the maximum concentration limits.
 - Phthalate = Group of plasticizers which determines the softness of a vinyl film. The usage of some phthalates has been restricted in the European Union for use in toys or food applications.
 - REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) is a European Union Regulation for use of chemical substances and their potential impacts on human health and environment. The so called substances of concern are specified in the Substances Of Very High Concern list (SVHC). For detailed information please see our REACH communication.
 - Directive 94/62/EC of 20 December 1994 on packaging and packaging waste. All standard GRS-E products are in compliance with Directive 94/62/EC and their supporting norms EN13427, EN13428 and EN13431. In the production process of these products the heavy metals referred to are not intentionally used. The levels of these substances will not exceed the specified maximum concentration levels, being 100ppm for the sum of the substances lead, hexavalent chromium, mercury and cadmium.
 - Directive 2002/95/EC of 27 January 2003 and amendment Directive 2011/65/EC of 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), being lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) or decabromo diphenyl ether (decaBDE). None of these substances are intentionally used in GRS-E standard products.
- All statements relate to unconverted Fasson and Avery products, i.e. not printed, lacquered, varnished or provided with any other treatment. Compliance of inks, lacquers, varnishes, etc. needs to be cleared by the purchaser.

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Isega food contact certificates for adhesives	
	✓ = product does comply no = product does not comply
	<i>Isega ¹⁾</i>
Fasson® Offset (papers)	
Permanent	✓
Permanent DI-OF papers	✓
Permanent Laminated Foils	no
Supertack	✓
Removable	✓
DeepFreeze	✓
Recyclable (permanent)	✓
Fasson® Offset (non-papers)	
Permanent Acetates, Satin Cloth & Tyvek	no
Permanent DI-OF films	no
Permanent Offset Vinyl	no
Removable DI-OF	no
Removable Offset PE	no
Removable Offset Vinyl	no
Avery® Screen (films)	
Permanent 400 /420/440/Coverall	no
Permanent Greenline	✓
Permanent Polyesters/Solid Foil	no
Supertack 400/440	no
Supertack Greenline	✓
Removable 400/420/440/Imperial/Coverall/Superscreen	no
Removable Greenline	✓
Ultra Removable 400/440	no

¹⁾ ISEGA = independent institute which physically and chemically analyses graphical materials in order to classify it for food contact. All compliant products (adhesives) come along with a certificate and are recommended for indirect or for direct contact with dry, non-fatty foodstuffs.

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data are subject to change without notice.

Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>