

POSITION STATEMENT REGARDING REACH THE REGISTRATION, EVALUATION AND AUTHORISATION OF CHEMICALS:

We would like to assure our customers that UPM Raflatac fulfils all the set requirements of REACH.

UPM Raflatac is a 'downstream-user' of chemicals and we have taken the necessary steps to make sure that all our chemical suppliers are aware of the REACH¹ requirements.

Polymers, biocides and waste are currently exemptions from REACH.

Self-adhesive laminates are not considered 'substances' under REACH, but are classed as articles².

UPM Raflatac continues to meet the requirements for notification regarding substances of very high concern (SVHC) under article 7 of the REACH legislation, should any SVHC be present in concentrations greater than 0.1% (w/w).

All our raw material suppliers are aware of the candidate list and there are systems in place to prevent the use of these chemicals in any new products or formulations. UPM Raflatac will actively follow any additions to the candidate list.

1. REACH

EU Regulation (EC) No 1907/2006 concerning Registration, Evaluation and Authorization of Chemicals (REACH) is the new European chemicals legislation that came into force in June 2007. REACH aims to promote sustainable development by improving the protection of human health and environment.

2. Article

An article is the legal term under REACH for any object that has been given a specific shape, surface or design so that it can be used for a specific purpose (e.g. manufactured goods such as cars, textiles, electronic chips).

Reviewed: 24.06.13

Disclaimer:

This information is for guidance only, it is based on our most up-to-date knowledge and experience and we cannot assume any liability for damage caused through its use.

This statement does not constitute any warranty, express or implied and is only intended for the intended recipient and cannot therefore be transferred to any third party. We cannot assume any liability for using our products in conjunction with other materials.

All our products are sold subject to UPM Raflatac's general sales conditions and please additionally note that you should ensure that any existing laws are observed.

In case of any discrepancies, the English version of this document shall prevail. This publication replaces all previous versions published and any and all information is subject to change without notice.



CERTIFICATE OF CONFORMANCE FOR LEVELS OF HEAVY METALS IN UPM RAFLATAC LAMINATES

The European (Directive 94/62/EC) and USA (CONEG) packaging legislation requires that the total amount of lead, cadmium, mercury and hexavalent chromium must not exceed 100 ppm.

Toy Safety regulations EN71 part 3, and British Standard BS 5665 also requires levels of less than 100 ppm for the above metals.

An independent public analyst has carried out an analysis of laminates manufactured by UPM Raflatac using a standard method of measurement known as ICP (Inductively Coupled Plasma Spectrometer) and colorimetric method. Samples of various adhesives with uncoated papers, coated papers, thermal papers and synthetic/filmic face materials – on both glassine and kraft backing papers have been tested. The results showed that all laminates manufactured by UPM Raflatac contain an amount less than 100 ppm of lead, cadmium, mercury and hexavalent chromium, in total.

Typical values for UPM Raflatac self-adhesive laminates are:

Lead less than 2 ppm
Cadmium less than 2 ppm
Mercury less than 2 ppm
Hexavalent Chromium less than 2 ppm

The various types of packaging used to protect and transport UPM Raflatac laminates also conform to all aspects of the above legislation.

UPM RAFLATAC

Reviewed: January 2010

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THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS DIRECTIVE 2002/95/EC)

The Restriction on Hazardous Substances Directive, RoHS, which accompanies the WEEE (Waste Electrical and Electronic Equipment Directive), is concerned with banning the use of six hazardous substances, which are lead, cadmium, mercury, hexavalent chromium and the flame retardants PBB (polybrominated biphenyls) and PBDE (polybrominated diphenylethers) in the manufacture of electrical products and equipment.

UPM Raflatac manufactures self-adhesive laminates which are processed by label converters into labels for various applications, some of which may be used on electrical equipment.

None of the six aforementioned substances are used in UPM Raflatac's manufacture of self-adhesive labelstock.

Analysis has been carried out with regard to RoHS Directive 2002/95/EC. The results obtained showed that typical values are:

Lead less than 2 ppm
Cadmium less than 2 ppm
Mercury less than 2 ppm
Hexavalent Chromium less than 2 ppm

Polybrominated biphenyls (PBB's):

Monobromobiphenyl less than 5ppm
Dibromobiphenyl less than 5ppm
Tribromobiphenyl less than 5ppm
Tetrabromobiphenyl less than 5ppm
Hexabromobiphenyl less than 5ppm
Pentabromobiphenyl less than 5ppm
Heptabromobiphenyl less than 5ppm
Octabromobiphenyl less than 5ppm
Nonabromobiphenyl less than 5ppm
Decabromobiphenyl less than 5ppm

Polybrominated diphenyl ethers (PBDE's):

Monobromodiphenyl ether less than 5ppm
Dibromodiphenyl ether less than 5ppm
Tribromodiphenyl ether less than 5ppm
Tetrabromodiphenyl ether less than 5ppm
Pentabromodiphenyl ether less than 5ppm
Hexabromodiphenyl ether less than 5ppm
Heptabromodiphenyl ether less than 5ppm
Octabromodiphenyl ether less than 5ppm
Nonabromodiphenyl ether less than 5ppm
Decabromodiphenyl ether less than 5ppm

UPM RAFLATAC

Reviewed: August 2008

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POSITION REGARDING OZONE DEPLETING SUBSTANCES:

UPM Raflatac do not add these substances listed below to the manufacturing processes of any of our factories. Thereby all products we supply are free of these substances listed. Should any of these substances exist as traces in our raw materials or are generated during the manufacturing process, their content is negligible.

Substance	CAS number	Substance	CAS Number
CFCs		Halons	
Carbon tetrachloride	56-23-5	1,1,1-trichloroethane	71-55-6
HBFCs		HCFCs	
Bromochloromethane	74-97-5	Methyl bromide	74-83-9

Listed in the Montreal protocol.

UPM RAFLATAC

Reviewed: December 2009

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THE USE OF PERFLUOROOCTANE SULFONATES COMPOUNDS IN UPM RAFLATAC LAMINATES (DIRECTIVE 2006/122/EC)

Directive 2006/122/EC relates to restrictions on the marketing and use of certain dangerous substances and preparations (perfluorooctane sulfonates)

No Perfluoroalkyl compounds, includes Perfluoroalkyl sulfonates (such as Perfluorooctane Sulfonate, PFOS), fluorotelomers, telomer-based polymeric substances, and PFOA (perfluorooctanoic acid) are used or added by our raw material suppliers or by UPM Raflatac in the manufacture of the self-adhesive laminate.

UPM RAFLATAC

Reviewed: June 2008

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POSITION WITH REGARD TO POLYCYCLIC AROMATIC HYDROCARBONS

UPM Raflatac do not use Polycyclic Aromatic Hydrocarbons in the manufacture of the self-adhesive laminates either as a raw material or as an additive

UPM RAFLATAC
Reviewed: June 2008

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