retour

Environmental declaration for light fittings, excluding sources of light

Produced by Ljuskultur, 23 December 1996 and 9 March 1999
The material is based on NUTEK's project "Advice for Purchasers".

Version may 2007

This Eco declaration is valid 1 year from the emission date for exception than any modification occur in between

Compagny :

THORN EUROPHANE
Route de Paix
B.P 504
27705 LES ANDELYS CEDEX

Contact person : **Mr Jean LESAINT**

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FITTING : **ORACLE**

		Yes	No	No information	Not relevant for this product	See comments
1.	**Plastic parts in products**					
1.1	Are all large plastic parts (more than 100g) labelled according to the ISO 11,469 standard specifications	X				
1.2	Do any other parts of the fitting contain PVC ? (1)		X			
1.3	Do the plastic parts in the fitting contain flame retardants with organically bound chlorine or bromine ? (2)		X			
1.4	Do the plastic parts in the fitting contain any of the following additives ?					
1.4.1	Lead (including compounds) (3.4.5)		X			
1.4.2	Phthalates (3.4)		X			
1.4.3	Chlorinated paraffins (3.4)		X			
1.4.4	Organic tin compounds (3)		X			
1.5	Are environmentally hazardous metal pigments used in the plastic? (3.4.5)			X		X1
1,6	Is the titanium dioxide used as pigment in the plastic parts manufactured according to another method that stated in the EU council's directive 92/112/EEG? (6)		X			
2	**Electronics, Electrical parts and solder**					
2.1	Is there PVC in the cables and electrical wires? (1)		X			
2.2	Do the electronics and solder contain any of the following environmentally hazardous substances ?					
2.2.1	Arsenic (including compounds) (3.4)		X			
2.2.2	Lead (including compounds) (3.4.5)			X		
2.2.3	Cadmium (including compound) (3.4.5)		X			
2.2.4	PCB (Polychlorinated biphenylene) (4)		X			
2.2.5	PCT (Polychlorinated terphenyle) (4)		X			
2.2.6	Sylver compounds (4)			X		
2.3	Does the lamp contain any hazardous substances listed		X			
3	**Metal parts in the fitting**					
3.1	Do the metal parts in the fitting contain any of the following environmentally hazardous substance ?					
3.1.1	Arsenic (including compounds) (3.4)		X			
3.1.2	Lead (including compounds) (3.4.5)		X			
3.1.3	Cadmium (including compounds) (3.4.5)		X			
3.1.4	Chromium (including compounds)		X			
3.1.5	Mercury (including compounds)		X			
4	**Other parts**					
4.1	Does the fitting contain parts made of glass with lead additives? (2)			X		
4.2	Does the fitting contain parts made of wood from tropical rain forests? (7)		X			

		Yes	No	No information	Not relevant for this product	See comments
5	**Paint / varnish**					
5.1	Are there chemical products in the paint / varnish used which are classified as environmentally hazardous ? (8)		X			X2
5.2	Are there any environmentally hazardous metal pigments in the paint / varnish ?(3.4.5)			X		X1
5.3	Are cyanides used in the surface treament of metal parts ?		X			
5.4	Are there metal surfaces that are degreased with chlornated organic solvents ?		X			
5.5	Is only water-based degreasing used on metal surface (or no degreasing at all)	X				
5.6	Are any monylphenoletoxylates (environmentaly hazardous tensides) used in the degreasing of metal surfaces ?		X			
5.7	Does the product contain any varnished metal surfaces ?		X			
5.7.1	Is mostly powder coating used for the varnishing of metal parts ?		X			
5.7.2	Do any of the metal varnishes used contain more than 5% of organic solvent, by weight ?		X			
5.7.3	Do any of the metal varnishes contains additves of following substances ?		X			
5.7.3.1	Halogenated organic binder.		X			
5.7.3.2	Phthalates.					
6	**Solvents in paint / varnish**					
6.1	Are solvent-based paints / varnishes used on any of the parts of the fitting ?		X			
6.2	Is the level of VOC (volatile organic compounds) in the paint / varnish used higher than 25% by weight? (8)		X			
6.3	Does the paint / varnish contain aromatic hydrocarbons? (5)		X			X3
6.4	Are water or environmentally acceptable solvents used in the paint / varnish ? (8)	X				X4
7	**Other surface treatment of metal**					
7.1	State methods for surface treatment of metal parts (galvanising, chromlum plating etc...)	X				
8	**Packaging**					
8.1	Does the packaging consist of any of the following acceptable materials(materials are listed in order where is the best alternative)?					
8.1.a	1-Unbleached paper / carton from recycled fibre			X		
8.1.b	2-Polyethylene or Polypropylene plastic from recycled material.			X		
8.1.c	3-One of the material from groups 1 or 2 is manufactured from new raw materials.			X		
8.2	Is all plastic material in the packaging marked according to stantard specifications DIN 54 840 and / or ISO 11469 to simplifly recycling?	X				
8.3	Is there PVC or other halogen-containing plastic in the packaging?		X			
8.4	Is the plastic material in the packaging made partially of recycled material (the term "recycled" means post consumer and does not include any production waste ?			X		
8.5	Does the plastic packaging material contain any halogenated external flame retardant or other halogenated substancees			X		
8.6	Does the package contain shock absorbing plastic material?	X				
8.7	Are ozone damaging substances used in the manufacture of shock absorbing plastic materials ?			X		
8.8	Is the compagny a member of the REPA register?		X			
9	**RECYCLING**					
9.1	Has the product been engineered to dismantling, by making it possible to separate the various materials ?	X				
9.2	Does the product comply with the WEE european directive?	X				

10	B.Manufacturing Solvents	Yes used in production	No not used in production	No information	Not relevant	See comments
10.1	Are aromatic hydrocarbons used in solvents in the production of the fitting or packaging?(5)		X			X3
10.2	Are any of the following groups (chlorofluoro-carbons / fluorocarbons) used in the production of the fitting or packaging?		X			
10.2.1	CFC (10)		X			
10.2.2	HCFC (10)		X			
10.3	Are chlorinated solvents used in the production of the fitting or packaging?		X			X5

Comments:

X1

Pigments
The following are classified as environmentally hazardous pigments:

Arsenic(including compounds)(3.4)
Lead(including compounds)(3.4.5)
Cyanides(including compounds)(5)
Cadmium(including compounds)(3.4.5)
Copper(including compounds)(4)
Chromium(including compounds)(4)
Mercury (including compounds) (3.4.5)
Nickel (including compounds) (5)

X2

The following are classified as environmentally hazardous chemical products:
Pure substances marked with any of the following risk categories:
R52 .R53 .R54 .R55 .R56 .R57 .R58 .R59 .

Preparations containing pure substances marked with any of the following risk categories at levels greater than 2% by weight:
R52 .R53 .R54 .R55 .R56 .R57 .R58 .R59 .

X3

Aromatic hydrocarbons:
Benzene(5)
Toluene (methybenzene) (5)
Xylene (dimethybenzene) (6)

X4

The following solvents are classified as environmentally acceptable (according to ref 9) :

Water
Ethanol (not denatured with phthalates)
i-Propanol
Propylene glycol
n-Paraffins
Glycerol(n alcohols with more than O atoms)
Acetone
Isopropyllaurate
Isopropylpalmitate
Isopropylmyristate
Methylpyrrolidone
Gamma-Butyrolactone
Ethyl acetate

X5

Chlorinated solvents:

Hexachlorobutadiene
Methylene chloride
Tetrachloromethane
1,2,4-Trichlorobenzene
1,1,1-trichloroethane
Trichlorethylene
Trichloromethane

References

1. Greenpeace's list of concils which are positive towards stopping their use of PVC.

Greenpeace
Box 15164
104 65 Stockholm
Tel: 08-702 70 70

2. "Environmental aspects for procurement of fittings".Environmental Administration.Gothenburg Municipal Concil, Memo 15 june 1994

Milljöförvaltningen
Göteborgs Kommun
Box 360
401 25 Göteborg
Tel : 031-61 26 10

3. Chemicals inspectorate. Limitation list

4. Chemicals inspectorate, OBS (high priority) list May 1996.

5. US Environmental Protection Agency : Industrial Toxics project (1990). List of high priority environmentally hazardous chemicals for which emission should be reduced by at least 50 per cent by the end of 1996.

6. Council directive 92/112/EEG of 15 December 1992 on *Actions to reduce and ultimately eliminate pollution from waste from the titanium dioxide industry.*

7. Good Wood Guide. Friends of the Earth, UK 1987.

Jordens Vånner
Fjållgatan 23 A
116 28 Stockholm
Tel : 08-702 20 17

8. "Marque NF-Environnement aux peintures, vernis et produits connexes". Third revised version, 10 june 1994, AFNOR, France.
Association Française de Normalisation

Tour Europe
cedex 7
94049 Paris La Defense
France
Tel : 01 42 91 55 55
Fax : 01 42 91 56 56

9. Assessment and comparaisons of solvents in household chemical-technical products. Basis for the Swedish National Association for Environmental Protection's work within the project area*Buy Environmentally Friendly.* Anders Ostman and Ulf Karlström, March 1993 (list revised 1993) .

Naturskyddslöreningen
Box 7005
402 31 Götenborg
Tel: 031-711 64 50
Fax: 031-711 64 30

10. Montreal protocol 1987 (including London addition 1990 and Copenhagen addition 1992) concerning certain countries actions for stopping the use of ozone-degrading agents and the statute on CFC and Halones etc...
SFS 1988.716

Addition to environmental declaration

To dispose of used electrical and electronic equipment in an envirnmentally correct way, please contact the following companies:

Techno World AB
Box 80
370 10

GRE
Lövstavågen
165 70 Hässelby

Tabulator Technik AB
Hägerstens allé 86
129 02 Hägersten