

Article		Manufacturer / Supplier	
Brand:	Curant Trading	Name:	Curant Trading AB
Name:	Optima, (ospecificerad)	FTI recycling system:	-
Description: An air curtain intended for indoor use at various types of doors, entrances in shops, restaurants and other public premises. Suitable for oxygen-free heating systems only. Installation height 2.2-2.8. translated by Google		EMAS registration:	-
		ISO 14001 certification:	-
		REPA-register:	-
Article no.:			
BSAB code:	QM - Luftdon m m		
BK04:	24199 - Air in general		

Summary		
Conditions:	Documentation complete, product assessment possible	
Assessment:	A	
Assessment explanation:	A	
Note:		
	During the manufacturing phase	In the finished product
Phase-out substances:	Yes (U)	-
Priority risk-reduction substances:	Yes (R)	Yes R
PBT/vPvB substances:	-	-
Potential PBT/vPvB substances:	-	-
Endocrine Disrupting Substances Category 1:	-	-
Endocrine Disrupting Substances Category 2:	-	-
Environmentally hostile substances:	Yes (Y)	Yes Y
Substances hazardous to health:	Yes	-
Substances hazardous to health present in the product in the presence of raw materials:		
Other eco-labelling:	Nanoparticles:	Presence of nanoparticles is unknown.
Energy class:		

Reported documentation			
Type	Issue	Check	Status
 Building Product Declaration 3	2017-10-24	2017-11-06	Static
 Product Information		2017-11-06	Static
 Maintenance Instruction		2017-11-06	Static
Internal Document *1	2017-11-06	2017-11-06	Manual
 Certificate of RoHS Compliance	2017-05-29	2017-11-06	Manual

Contents			
Name:	CAS no.	Amount	Classifications
aluminum	7429-90-5	<1 %	
Axial fan		<29.1 %	
aluminum	7429-90-5	<2.0079 %	
iron	7439-89-6	<8.0025 %	
silicon	7440-21-3	<0.0873 %	

Contents			
Name:	CAS no.	Amount	Classifications
Copper	§ 7440-50-8	<18.0129 %	
zinc	7440-66-6	<0.9894 %	
capacitor		<0.01 %	
aluminum	7429-90-5		
nickel plated steel alloy Rst 37-2			
(phosphorus)	7723-14-0		H228, H412
iron	7439-89-6		
carbon	7440-44-0		
nickel	R § 7440-02-0		H317, H351, H372, H412
sulfur	7704-34-9		H315
l-aspartic acid, polymer with 2-propenoic acid, sodium salt	248919-58-6		
(2-propenoic acid)	79-10-7		H226, H302, H312, H314, H332, H400
phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance	31570-04-4		H312, H412
(l-aspartic acid)	56-84-8		H319
unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance	R		H413
polypropylene "Worst Case" substance	9003-07-0		
phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance	31570-04-4		H312, H412
unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance	R		H413
Pigment			
(1-propene)	115-07-1		H220
UV-stabilizer for polyolefin cables			
poly[6-[(1,1,3,3-tetramethylbutyl)amino]-s-triazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethyle (HALS stabilizer)	70624-18-9		
2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol "Worst Case" substance	R 65447-77-0		H410, H412, H413
polyurethane			
(isocyanates)	R		R23, R36/37/38, R42/43
Motor cable		<0.02 %	
Copper	§ 7440-50-8	<0.01 %	
polypropylene "Worst Case" substance	9003-07-0	<0.01 %	
phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance	31570-04-4	<0.0001 %	H312, H412
unspecified antioxidant for PE, PP, PC, ABS, polyester (Irganox 1010) "Worst Case" substance	R	<0.0001 %	H413
Pigment			
(1-propene)	115-07-1		H220
UV-stabilizer for polyolefin cables		<0.0002 %	

Contents			
Name:	CAS no.	Amount	Classifications
poly[6-[(1,1,3,3-tetramethylbutyl)amino]-s-triazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethyle (HALS stabilizer)	70624-18-9	<0.0001 %	
2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol "Worst Case" substance	65447-77-0	<0.0001 %	H410, H412, H413
polyester coated galvanized steel sheets		<50 %	
(phosphorus)	7723-14-0	<0.05 %	H228, H412
iron	7439-89-6	<47.25 %	
carbon	7440-44-0	<0.1 %	
1,4-benzenedicarboxylic acid, polymer with butanedioic acid, 1,3-butanediol, hexanedioic acid and pentanedioic acid	67892-73-3	<0.6 %	
(1,3-butanediol)	107-88-0		H226, H315, H319, H335
(butanedioic acid)	110-15-6		H304, H315, H318, H319, H335
(hexanedioic acid)	124-04-9		H319
(pentanedioic acid)	110-94-1		H319
Pigment			
(1,4-benzenedicarboxylic acid)	100-21-0		H315, H319, H335
(titanium)	7440-32-6	<0.1 %	
zinc	7440-66-6	<2.75 %	
poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.-methylenebis[.omega.-[3-(dimethoxymethylsilyl)propoxy]-	70788-42-0	<1 %	
(1,2-propylene oxide)	U 75-56-9		H224, H302, H311, H319, H331, H335, H340, H350
(oxirane)	U 75-21-8		H220, H315, H319, H331, H335, H340, H350
polypropylene plastic "Worst Case" substance		<1 %	
barium sulfate	7727-43-7	<0.15 %	
phosphite-based stabilizer for PA, PP, PC, ABS, PS (tris(2,4-di-tert-butyl phenyl) phosphite) "Worst Case" substance	31570-04-4	<0.01 %	
benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl ester (antioxidant)	6683-19-8	<0.01 %	H302, H315, H412
Pigment		<0.05 %	
polypropylene	9003-07-0	<1 %	
(1-propene)	115-07-1		H220
talc	14807-96-6	<0.2 %	
UV-stabilizer for polyolefin cables		<0.02 %	
poly[6-[(1,1,3,3-tetramethylbutyl)amino]-s-triazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethyle (HALS stabilizer)	70624-18-9	<0.01 %	
2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol "Worst Case" substance	R 65447-77-0	<0.01 %	H410, H412, H413
transformer		<2.3 %	
iron	7439-89-6	<1.4996 %	

Contents			
Name:	CAS no.	Amount	Classifications
Copper	§ 7440-50-8	<0.4991 %	
polyester		<0.0989 %	
(1,2-ethanediol)	107-21-1	<0.034615 %	H302
(1,4-benzenedicarboxylic acid)	100-21-0	<0.064285 %	H315, H319, H335
polyurethane		<0.0989 %	
pentane	109-66-0	<0.00186921 %	H225, H304, H336, H411
VORACOR™ CM 683 Additive		<0.00151317 %	
propanol, oxybis-	25265-71-8	<0.00151317 %	
1,2,3-propanetriol	56-81-5	<0.000151317 %	
VORACOR™ CM 893 Polyol		<0.03596004 %	EUH210
poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.,.alpha.-1,2,3-propanetriyltris[.omega.-hydroxy-	25791-96-2	<0.00899001 %	H302
(1,2,3-propanetriol)	56-81-5		
(propylene oxide)	U 75-56-9		H224, H302, H311, H319, H331, H335, H340, H350
polyester polyol "Worst Case" substance		<0.005394006 %	
(2,2-oxybisethanol)	111-46-6		H302
(1,3-isobenzofurandione)	R 85-44-9		H302, H315, H317, H318, H334, H335
polyether polyol "Worst Case" substance		<0.021576024 %	
(1,2-propylene oxide)	U 75-56-9		H224, H302, H311, H319, H331, H335, H340, H350
(oxirane)	U § 75-21-8		H220, H315, H319, H331, H335, H340, H350
2-propanol, 1-chloro-, phosphate (3:1)	13674-84-5	<0.005394006 %	H302
VORACOR™ CM 894 Catalyst		<0.00201756 %	H226, H302, H311, H314, H331
1,2-ethanediol	107-21-1	<0.000201756 %	H302
cyclohexanamine, n,n-dimethyl-	98-94-2	<0.001210536 %	H226, H301, H311, H314, H331
N-(2-Hydroxypropyl)-Trimethylammonium 2-ethylhexanoate	62314-22-1	<0.000403512 %	H319
polyether polyol "Worst Case" substance		<0.000807024 %	
(1,2-propylene oxide)	U 75-56-9		H224, H302, H311, H319, H331, H335, H340, H350
(oxirane)	U § 75-21-8		H220, H315, H319, H331, H335, H340, H350
VORANATE™ M 229 Polymeric MDI	R	<0.05754002 %	H315, H317, H319, H332, H334, H335, H351, H373
4,4'-diphenylmethane diisocyanate (MDI)	R 101-68-8	<0.0281946098 %	H315, H317, H319, H332, H334, H335, H351, H373
isocyanic acid, polymethylenepolyphenylene ester	R 9016-87-9	<0.05754002 %	H315, H317, H319, H332, H334, H335, H351, H373
PVC-polymer	8063-94-3	<0.0989 %	
(vinyl chloride)	U 75-01-4		H220, H350

Contents

Name:	CAS no.	Amount	Classifications
heating coil		<34 %	
aluminum	7429-90-5	<17.986 %	
iron	7439-89-6	<2.992 %	
Copper	§ 7440-50-8	<12.002 %	
zinc	7440-66-6	<0.986 %	

Included products

Name:	Amount	Classifications
FR-4 printed circuitboard with components	x < 0.1%	

Emissions

Conforms To E0:

Conforms to E1:

Conforms To M1:

Conforms To M2:

Conforms To CARB1:

Conforms To CARB2:

EMICODE:

Energy consumption

Raw materials:

Manufacturing:

Total:

Residual products / Waste

During construction During demolition

Re-use:

Material recycling: Yes

Energy recycling:

Landfill deposition:

EWC (European Waste Code):

Hazardous waste: - -

Portion of recycled material

Pre-consumer:

Post-consumer:

Service life

Service life: 10-15 år

Classification of the product

Hazard statements:

Precautionary statements

Risk phrases

Safety phrases

Corporate Social Responsibility (CSR)

CSR-policy:

Distribution

Pallet return system: No

Distribution

Multiple-use packaging:	Yes
Take-back of packaging:	No
System for producer responsibility for packaging:	No

Construction stage

Storage Requirements:	Yes	Should be stored frost-free, humidity 50-85% without condensation. (translated by Google)
Requirements on surrounding products:	No	

Usage Phase

Requirements on input materials:	No	
Energy supply:	Yes	Electricity for engine operation and hot water. (translated by Google)

Demolition Phase

Disassembly:	Yes	Motors and battery can be easily removed for recycling. (translated by Google)
Special measures:	No	

Waste Management

Special restrictions/recommendations:	Yes	The metal can be recycled (translated by Google)
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Miscellaneous

Assessed:	2017-11-06 by Sara Orell
Revised:	2021-05-12 by Auto Update
SHMD number:	SHMD-3K2BVANUKF
Criteria:	SundaHus Material Data Assessment Criteria edition 6.1.7

Explanations

(U)	At least one phase-out substance has been used in the manufacturing phase.
U	The substance fulfills the criteria for a phase-out substance according to the Swedish Chemicals Authority tool for substitution, PRIO.
(R)	At least one prioritized risk reduction substance has been used in the manufacturing phase.
R	Contains at least one prioritized risk reduction substance. / The substance fulfills the criteria for a prioritized risk reducing substance according to the Swedish Chemicals Authority tool for substitution, PRIO.
	Substances hazardous to health present in the product during the manufacturing phase.
§	The substance is present in the restriction database.
?	Presence of nano particles unknown
	Contains at least one environmentally hostile substance.
	At least one environmentally hazardous substance used at construction
"Worst Case" substance	Worstcase substances are those that past experience or literature has shown may be present in particular product types. Worstcase substances are used when specific information on the product content is missing, in order to ensure that no critical elements are left out in the assessment.
(substance name)	A substance name in parentheses indicates that the substance is only present during the manufacturing stage, not in the finished product.
*1	The supplier/distributor does not allow us to show this document.

Explanations	
EUH210	Safety data sheet available on request.
H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
R23	Toxic by inhalation
R36/37/38	Irritating to eyes, respiratory system and skin
R42/43	May cause sensitisation by inhalation and skin contact