SundaHus Material data

Curant Powerkon, (ospecificerad)

2019-10-28

A

Article

Brand:	Curant Trading
Name:	Curant Powerkon, (ospecificerad)
Description:	A convector with a stable steel casing and heating coil made of copper pipes with aluminum flanges, optimal for water-borne low-temperature systems, intended for use indoors for heating in most types of homes and premises. translated by Google
Article no.:	
BSAB code:	**PTB.1** - Radiatorer
BK04:	

Manufacturer / Supplier

Name:	Curant Trading AB
FTI recycling system:	-
EMAS registration:	-
ISO 14001 certification:	-
REPA-register:	-

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)	Yes U
Priority risk-reduction substances:	Yes (R)	Yes R
PBT/vPvB substances:	-	-
Potential PBT/vPvB substances:	-	-
Endocrine Disrupting Substances Category 1:	Yes (H1)	-
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 [illegible] phase:

Other eco-labelling:

Energy class:

Renewable raw materials:

Nanoparticles: Presence of nanoparticles is unknown.

Reported documentation

Type	Issue	Check	Status
Building Product Declaration 3	2019-08-29	2019-09-30	Manual
Maintenance Instruction		2019-09-30	Manual
CE Declaration of Conformity	2018-07-06	2019-09-30	Manual
Internal Document *1		2019-10-28	Manual
Technical data sheet		2019-09-30	Manual

Contents

Name:	CAS no.	Amount	Classifications
aluminium alloy EN AW-8009		10 %	
aluminum	7429-90-5	8.88 %	
iron	7439-89-6	0.89 %	
silicon	7440-21-3	0.19 %	
chromium R	7440-47-3	0.01 %	H317, H410, H413

Contents

Name:				CAS no.	Amount	Classifications
manganese				7439-96-5	0.01 %	
titanium				7440-32-6	0.01 %	
vanadium				7440-62-2	0.15 %	
zinc				7440-66-6	0.025 %	
Carbon steel DC01 EN 10130					82 %	
(phosphorus)				7723-14-0	0.0369 %	H228, H412
iron				7439-89-6		
carbon				7440-44-0	0.0984 %	
manganese				7439-96-5	0.492 %	
(sulfur)				7704-34-9	0.0369 %	H315
copper alloy (grade: Cu-DHP, number: CW024A)					11 %	
lead	U			7439-92-1	0.00033 %	H360FD, H362
(phosphorus)				7723-14-0	0.0044 %	H228, H412
Copper			§	7440-50-8	10.989 %	
epoxy-polyester powder coating "Worst Case" substance					1 %	
(1H-imidazole, 2-methyl-)	U			693-98-1	<0.02 %	H302, H314, H318, H351, H360Df
acrylic flow additive "Worst Case" substance					<0.02 %	
(2-ethoxyethyl acrylate)				106-74-1	<0.005 %	H302, H315, H319, H335
(2-propenoic acid, 2-methyl-, ethyl ester)	R			97-63-2	<0.01 %	H225, H315, H317, H319, H335
(polydimethyl siloxane)						
(silicon)				7440-21-3		
(methane, chloro-)	R			74-87-3		H220, H351, H373
barium sulfate				13462-86-7	0.3 %	
benzoin				119-53-9	0.06 %	
(epoxy resin)	R				0.4 %	H315, H317, H319, H411
(Bisphenol A)	U	H1	§	80-05-7	0.28 %	H317, H318, H335, H360F, H400, H410
((chloromethyl)-oxirane)	U	H1		106-89-8	0.12 %	H226, H301, H311, H314, H317, H331, H350
pigment (metal oxide)					0.3 %	
diethylene glycol, maleic anhydride, dicyclopentadiene polymer "Worst Case" substance				64386-67-0		
(4,7-methano-1h-indene, 3a,4,7,7a-tetrahydro-)				77-73-6		H225, H302, H315, H319, H332, H335, H411
(2,2-oxybisethanol)				111-46-6		H302
(2,5-furandione)	U			108-31-6		H302, H314, H317a, H318, H334, H372
phosphorous acid, triphenyl ester	R			101-02-0	<0.01 %	H315, H319, H400, H410

Emissions

Conforms To E0:

Conforms to E1:

Conforms To M1:

Conforms To M2:

Conforms To CARB1:

Emissions

Conforms To CARB2:

EMICODE:

Energy consumption

Raw materials:

Manufacturing:

Total:

Residual products / Waste

	During construction	During demolition
Re-use:		100 %
Material recycling:		100 %
Energy recycling:		
Landfill deposition:		
EWC (European Waste Code):		
Hazardous waste:	-	-

Portion of recycled material

Pre-consumer:

Post-consumer:

Service life

Service life: 50- år

Classification of the product

Hazard statements:

Precautionary statements

Risk phrases

Safety phrases

Corporate Social Responsibility (CSR)

CSR-policy:

Distribution

Pallet return system:	No
Multiple-use packaging:	No
Take-back of packaging:	No
System for producer responsibility for packaging:	No

Construction stage

Storage Requirements:	No
Requirements on surrounding products:	No

Usage Phase

Requirements on input materials:	Yes	Water (översatt av Google)
Energy supply:	Yes	Heated water. (översatt av Google)

Demolition Phase

Disassembly:	Not relevant
Special measures:	No

Waste Management

Special restrictions/recommendations: No

Miscellaneous

Assessed:	2019-10-28 by Johan Wärn
Revised:	2021-05-13 by Auto Update
SHMD number:	SHMD-3L5A7D78K2
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	Contains at least one phase-out substance. / 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.
(H1)	At least one substance on the European Commission Priority List with endocrine disruptors in category 1 has been used in the manufacturing stage for this product; this means that there is evidence of endocrine disrupting effects in at least one species (including humans).
H1	The substance is present in the European Comissions prioritization list over endocrine disruptors under category 1, which means that there is scientific evidence for an endocrine disrupting effect in atleast one animal (including humans).
	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.
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H317a	May cause an allergic skin reaction. Category 1A
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.

Explanations	
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H350	May cause cancer.
H351	Suspected of causing cancer.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H360F	May damage fertility
H360FD	May damage fertility. May damage the unborn child.
H362	May cause harm to breast-fed children.
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.