EU safety data sheet

Trade name: einzA Decor Product no.: 0020784 Current version : 6.2.0. issued: 11.01.2024

Replaced version: 6.1.0, issued: 08.08.2023

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

einzA Decor

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture coating material

Uses advised against No data available.

1.3 Details of the supplier of the safety data sheet

Address

einzA Farben GmbH & Co KG Junkersstraße 13 30179 Hannover

 Telephone no.
 +49 (0)511 67490-0

 Fax no.
 +49 (0)511 67490-20

 e-mail
 info@einzA.com

Advice on Safety Data Sheet sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms

Signal word

Hazard statement(s)

-	
Hazard statements (EU)	
EUH208	Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-
	3-one and 2-methyl-2H -isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one. May produce
	an allergic reaction.
EUH210	Safety data sheet available on request.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe
	spray or mist.

Precautionary statement(s)

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Labelling information

The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Aqueous coating based on a polymer emulsion

Hazardous ingredients

No	Substance name		Addi	tional info	rmation	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Cond	centration		%
1		n powder form containing 1 % or more of				
		dynamic diameter ≤ 10 μm]				
	13463-67-7	Carc. 2; H351i	>=	5.00 -	< 10.00	wt%
	236-675-5					
	022-006-00-2					
	01-2119489379-17					
2	bronopol					
	52-51-7	Acute Tox. 4; H302	<	0.10		wt%
	200-143-0	Acute Tox. 4; H312				
	603-085-00-8	Eye Dam. 1; H318				
	01-2119980938-15	Skin Irrit. 2; H315				
		STOT SE 3; H335				
		Aquatic Acute 1; H400				
		Aquatic Chronic 2; H411				
3	1,2-benzisothiazol-		pls. r	refer to foo	tnote (1)	
	2634-33-5	Acute Tox. 4*; H302	<	0.05		wt%
	220-120-9	Eye Dam. 1; H318				
	613-088-00-6	Skin Irrit. 2; H315				
	-	Skin Sens. 1; H317				
		Acute Tox. 2; H330				
		Aquatic Acute 1; H400				
		Aquatic Chronic 2; H411				
4	reaction mass of: 5	-chloro-2-methyl-4-isothiazolin-3-one and 2-				
	methyl-2H -isothiaz					
	55965-84-9	Acute Tox. 2; H310	<	0.0015		wt%
	-	Acute Tox. 2; H330				
	613-167-00-5	Acute Tox. 3; H301				
						1
	-	Aquatic Acute 1; H400				
	-	Aquatic Acute 1; H400 Aquatic Chronic 1; H410				
	-	Aquatic Chronic 1; H410 EUH071				
	-	Aquatic Chronic 1; H410				
	-	Aquatic Chronic 1; H410 EUH071				
	-	Aquatic Chronic 1; H410 EUH071 Eye Dam. 1; H318				



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2682-20-4	Acute Tox. 2; H330	<	0.10	wt%
220-239-6	Acute Tox. 3; H301			
613-326-00-9	Acute Tox. 3; H311			
-	Aquatic Acute 1; H400			
	Aquatic Chronic 1; H410			
	EUH071			
	Eye Dam. 1; H318			
	Skin Corr. 1B; H314			
	Skin Sens. 1A; H317			

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*,**,***,****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	V, W, 10	-	-	-
2	-	-	M = 10	-
3	-	Skin Sens. 1; H317: C >= 0.05%	-	-
4	В	Skin Sens. 1A; H317: C >= 0.0015% Eye Irrit. 2; H319: C >= 0.06% Skin Irrit. 2; H315: C >= 0.06% Skin Corr. 1C; H314: C >= 0.6% Eye Dam. 1; H318: C >= 0.6%	M = 100	M = 100
5	-	Skin Sens. 1A; H317: C >= 0.0015%	M = 10	M = 1

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

No	Route, target organ, concrete effect
1	H351i
	inhalational; -; -

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed No data available.

4.3 Indication of any immediate medical attention and special treatment needed No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Not combustible under normal conditions. Extinguishing measures to suit surroundings.

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Unsuitable extinguishing media No data available.

5.2 Special hazards arising from the substance or mixture None known.

5.3 Advice for firefighters

Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Is not allowed to be released into the sewerage or water courses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Avoid inhalation of dust from sanding. For personal protection see section 8.

General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Comply with legal health and safety regulations; Prevent unauthorised access. No smoking. Keep from freezing.

Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

Incompatible products

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No Substance name

CAS no.

EC no.

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1	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	13463-67-7	236-675-5
	List of approved workplace exposure limits (WELs) / I	EH40	
	Titanium dioxide		
	total inhalable dust		
	WEL long-term (8-hr TWA reference period)	10	mg/m³
	List of approved workplace exposure limits (WELs) / I	EH40	
	Titanium dioxide		
	respirable dust		
	WEL long-term (8-hr TWA reference period)	4	mg/m³

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name				
	Route of exposure	Value			
1	titanium dioxide; [in powo	13463-67-7			
	aerodynamic diameter ≤ 10 μm]			236-675-5	
	inhalative	Long term (chronic)	local	1.25	mg/m³

DNEL value (consumer)

No	Substance name	CAS / EC no			
	Route of exposure	Value			
1	titanium dioxide; [in powo	13463-67-7			
	aerodynamic diameter ≤ 10 μm]			236-675-5	
	inhalative	Long term (chronic)	local	210	µg/m³

8.2 Exposure controls

Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment

Respiratory protection

Not necessary. When applied by spraying: Filter A2P2 (DIN EN 14387)

Eye / face protection

Wear safety googles to protect against splashes. Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves. Appropriate Material In case of short-term contact / splash protection: nitrile rubber

Appropriate Material	In case of short-term of	contact / spla	ash protection: nitrile rubber
Material thickness	>	0.4	mm
Breakthrough time	>	120	min
Appropriate Material	In case of prolonged e	xposure: nit	rile rubber
Material thickness	>	0.4	mm
Breakthrough time	>	480	min

Other

Light protective clothing

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation

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liquid					
Form					
liquid					
Colour					
according to product name					
Odour					
characteristic					
pH value					
Value	7.0	- 9.0			
Boiling point / boiling range					
Value		100	°C		
Melting point/freezing point					
No data available					
Decomposition temperature					
No data available					
Flash point					
Not applicable					
Ignition temperature					
No data available					
Oxidising properties					
Not applicable					
Flammability					
Not applicable					
Lower explosion limit					
No data available					
Upper explosion limit					
No data available					
Vapour pressure		100	+ D-		
Value Reference temperature	<	100 50	hPa ℃		
			•		
Relative vapour density No data available					
Relative density No data available					
Density					
Value	1.30	- 1.70	g/cm ³		
Reference temperature		25	°C		
Method	DIN 51757				
Solubility in water					
Comments	miscible				
Solubility					
No data available					
Partition coefficient n-octanol/water (log value	e)				
NoSubstance name1titanium dioxide; [in powder form contain	ning 1 % or	CAS no. 13463-67-7		EC no. 236-675-5	
more of particles with aerodynamic diam	leter ≤ 10	10-100-01-1		200-070-0	
μm]					
Not applicable Source	ECHA				

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Kinematic viscosity	
Value	5000 - 15000 mPa*s
Reference temperature	25 °C
Method	DIN 53019
-	
Solvent separation test	
Not applicable	
Particle characteristics	

9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (See section 7).

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

No Substance name		CAS no.		EC no.	
 titanium dioxide; [in powder form contai more of particles with aerodynamic dian μm] 		13463-67-7		236-675-5	
LD50	>		2000	mg/kg bodyweigł	nt
Species Method	rat OECD 401				
Source	ECHA				
Evaluation/classification	Based on ava	ailable data, the	classificatio	n criteria are not met.	
Acute dermal toxicity					
No data available					
Acute inhalational toxicity					
No Substance name		CAS no.		EC no.	
1 titanium dioxide; [in powder form contai	ning 1 % or	13463-67-7		236-675-5	
more of particles with aerodynamic dian	neter ≤ 10				
more of particles with aerodynamic dian µm]	neter ≤ 10		5.09	ma/l	
more of particles with aerodynamic dian	neter ≤ 10		5.09 4	mg/l h	
more of particles with aerodynamic dian µm] LC50	neter ≤ 10 Dust			0	
more of particles with aerodynamic dian [µm] LC50 Duration of exposure State of aggregation Species	Dust rat			0	
more of particles with aerodynamic dian [µm] LC50 Duration of exposure State of aggregation	Dust rat OECD 403			0	
more of particles with aerodynamic dian [µm] LC50 Duration of exposure State of aggregation Species	Dust rat OECD 403 ECHA		4	0	

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No	n corrosion/irritation Substance name		CAS no.	EC no.
1		orm containing 1 % or	13463-67-7	236-675-5
	titanium dioxide; [in powder for more of particles with aerody		13403-07-7	230-0/3-3
	µm]	anne urameter > 10		
Sec		rabbit		
	ecies			
	hod	OECD 404		
	Irce	ECHA		
	luation	non-irritant		
Eva	luation/classification	Based on av	allable data, the classif	ication criteria are not met.
Seri	ious eye damage/irritation			
No	Substance name		CAS no.	EC no.
1	titanium dioxide; [in powder fe	orm containing 1 % or	13463-67-7	236-675-5
•	more of particles with aerody		10400-07-7	200-07-0-0
	µm]			
Sno	ecies	rabbit		
	hod	OECD 405		
	IICE	ECHA		
	luation	non-irritant		
	luation/classification		vailable data the classif	ication criteria are not met.
		ם ווט שמשכע שוו מי	ימוומטוט טמנמ, נווד טומסטוו	
Res	spiratory or skin sensitisation			
No			CAS no.	EC no.
1	titanium dioxide; [in powder for	orm containing 1 % or	13463-67-7	236-675-5
	more of particles with aerody			
	μm]			
Rou	ite of exposure	Skin		
	ecies	mouse		
	hod	OECD 429		
	Irce	ECHA		
	luation	non-sensitiz	ina	
	luation/classification			ication criteria are not met.
_				
	m cell mutagenicity			
No	Substance name		CAS no.	EC no.
No	Substance name titanium dioxide; [in powder for more of particles with aerodyn		CAS no. 13463-67-7	EC no. 236-675-5
No 1	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm]	namic diameter ≤ 10	13463-67-7	
<u>No</u> 1 Тур	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination	namic diameter ≤ 10 In vitro mam		
No 1 Type Met	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination hod	namic diameter ≤ 10 In vitro mam OECD 487	13463-67-7	
No 1 Type Met Sou	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination hod urce	namic diameter ≤ 10 In vitro mam OECD 487 ECHA	13463-67-7 Imalian cytogenicity	236-675-5
No 1 Type Met Sou Eva	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irce iluation/classification	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av	13463-67-7 Imalian cytogenicity	
No 1 Type Met Sou Eva Rou	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irrce iluation/classification ite of exposure	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral	13463-67-7 Imalian cytogenicity vailable data, the classif	236-675-5
No 1 Type Met Sou Eva Rou	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irce iluation/classification	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam	13463-67-7 malian cytogenicity vailable data, the classif malian somatic cell stud	236-675-5
No 1 Type Met Sou Eva Rou Type	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irrce iluation/classification ite of exposure e of examination	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam micronucleu	13463-67-7 malian cytogenicity vailable data, the classif malian somatic cell stud	236-675-5
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No 1 Type Met Sou Eva Rou Type Spe Met	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irrce iluation/classification ite of exposure e of examination eccies thod	namic diameter ≤ 10 In vitro marr OECD 487 ECHA Based on av oral In vivo marr micronucleu rat OECD 474	13463-67-7 malian cytogenicity vailable data, the classif malian somatic cell stud	236-675-5
No 1 Type Met Sou Eva Rou Type Spe Met Sou	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irrce iluation/classification ite of exposure e of examination eccies thod irrce	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam micronucleu rat OECD 474 ECHA	13463-67-7 Imalian cytogenicity vailable data, the classif malian somatic cell stud s	236-675-5 fication criteria are not met. dy: cytogenicity / erythrocyte
No 1 Type Met Sou Eva Rou Type Spe Met Sou	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irrce iluation/classification ite of exposure e of examination eccies thod	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam micronucleu rat OECD 474 ECHA	13463-67-7 Imalian cytogenicity vailable data, the classif malian somatic cell stud s	236-675-5
No 1 Type Met Sou Type Sou Sou Eva	Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] e of examination thod irce iluation/classification ite of exposure e of examination ecies thod irce iluation/classification	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam micronucleu rat OECD 474 ECHA	13463-67-7 Imalian cytogenicity vailable data, the classif malian somatic cell stud s	236-675-5 fication criteria are not met. dy: cytogenicity / erythrocyte
No 1 Type Met Sou Eva Spe Met Sou Eva	Substance name titanium dioxide; [in powder for more of particles with aerodyn µm] e of examination thod irrce iluation/classification ite of exposure e of examination eccies thod irrce	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam micronucleu rat OECD 474 ECHA	13463-67-7 Imalian cytogenicity /ailable data, the classif malian somatic cell stud s /ailable data, the classif	236-675-5 ^r ication criteria are not met. dy: cytogenicity / erythrocyte ^r ication criteria are not met.
No Type Met Sou Eva Rou Spe Met Sou Eva Rep No	Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] e of examination thod arce aluation/classification ate of exposure e of examination ecies thod arce aluation/classification broduction toxicity Substance name titanium dioxide; [in powder fr more of particles with aerodyn	namic diameter ≤ 10 In vitro marr OECD 487 ECHA Based on av oral In vivo marr micronucleu rat OECD 474 ECHA Based on av	13463-67-7 Imalian cytogenicity vailable data, the classif malian somatic cell stud s	236-675-5 fication criteria are not met. dy: cytogenicity / erythrocyte
No Type Met Sou Eva Spe Met Sou Eva Rep No	Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] e of examination thod arce aluation/classification ate of exposure e of examination ecies thod arce aluation/classification broduction toxicity Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm]	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam micronucleu rat OECD 474 ECHA Based on av oral Deccd 474 ECHA Based on av oral OECD 474 ECHA Based on av oral OECD 474 ECHA Based on av oral OECD 474 ECHA Based on av oral	13463-67-7 Imalian cytogenicity /ailable data, the classif malian somatic cell stud s /ailable data, the classif	236-675-5 ^r ication criteria are not met. dy: cytogenicity / erythrocyte ^r ication criteria are not met. EC no.
No Type Met Sou Eva Rou Type Spe Met Sou Eva Rep No 1 Rou	Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] e of examination thod arce aluation/classification ate of exposure e of examination ecies thod arce aluation/classification broduction toxicity Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] ate of exposure	namic diameter ≤ 10 In vitro marr OECD 487 ECHA Based on av oral In vivo marr micronucleu rat OECD 474 ECHA Based on av orm containing 1 % or namic diameter ≤ 10 oral	13463-67-7 Imalian cytogenicity vailable data, the classif malian somatic cell stur s vailable data, the classif <u>CAS no.</u> 13463-67-7	236-675-5 ^r ication criteria are not met. dy: cytogenicity / erythrocyte ^r ication criteria are not met. <u>EC no.</u> 236-675-5
No 1 Type Met Sou Eva Rou Spe Met Sou Eva Rep No 1 Rou NO/	Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] e of examination thod tree iluation/classification te of exposure e of examination ecies thod tree iluation/classification oroduction toxicity Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] tte of exposure AEL	namic diameter ≤ 10 In vitro marr OECD 487 ECHA Based on av oral In vivo marr micronucleu rat OECD 474 ECHA Based on av orm containing 1 % or namic diameter ≤ 10 oral oral >=	13463-67-7 Imalian cytogenicity /ailable data, the classif malian somatic cell stud s /ailable data, the classif CAS no. 13463-67-7 1000	236-675-5 ^r ication criteria are not met. dy: cytogenicity / erythrocyte ^r ication criteria are not met. <u>EC no.</u> 236-675-5 mg/kg bw/d
No Type Met Sou Eva Rou Type Spe Met Sou Eva Rep No 1 Rou NO/	Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] e of examination thod arce aluation/classification ate of exposure e of examination ecies thod arce aluation/classification broduction toxicity Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] ate of exposure AEL e of examination	namic diameter ≤ 10 In vitro mam OECD 487 ECHA Based on av oral In vivo mam micronucleu rat OECD 474 ECHA Based on av oral In vivo mam micronucleu rat OECD 474 ECHA Based on av oral orm containing 1 % or namic diameter ≤ 10 oral >= Reproductiv	13463-67-7 Imalian cytogenicity vailable data, the classif malian somatic cell stur s vailable data, the classif <u>CAS no.</u> 13463-67-7	236-675-5 ^r ication criteria are not met. dy: cytogenicity / erythrocyte ^r ication criteria are not met. <u>EC no.</u> 236-675-5 mg/kg bw/d
No Type Mett Sou Eva Rou Type Spe Mett Sou Eva Rou No Type Spe	Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] e of examination thod arce aluation/classification ate of exposure e of examination ecies thod arce aluation/classification broduction toxicity Substance name titanium dioxide; [in powder fr more of particles with aerodyn µm] ate of exposure AEL e of examination ecies	namic diameter ≤ 10 In vitro marr OECD 487 ECHA Based on av oral In vivo marr micronucleu rat OECD 474 ECHA Based on av orm containing 1 % or namic diameter ≤ 10 oral >= Reproductiv rat	13463-67-7 Imalian cytogenicity /ailable data, the classif malian somatic cell stud s /ailable data, the classif CAS no. 13463-67-7 1000	236-675-5 ^r ication criteria are not met. dy: cytogenicity / erythrocyte ^r ication criteria are not met. <u>EC no.</u> 236-675-5 mg/kg bw/d
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Route of exposure	oral	
NOAEL		00 mg/kg bw/d
Type of examination	Prenatal Developmental Toxicity	Study
Species	rat	
Method	OECD 414	
Source	ECHA	
Evaluation/classification	Based on available data, the clas	ssification criteria are not met.
Carcinogenicity		
No Substance name	CAS no.	EC no.
 titanium dioxide; [in powder form more of particles with aerodynan μm] 		236-675-5
Route of exposure	oral	
NOEL	75	i00 mg/kg bw/d
Species	mouse	
Source	ECHA	
Evaluation/classification	Based on available data, the clas	ssification criteria are not met.
STOT - single exposure		
No data available		
STOT - repeated exposure		
No Substance name	CAS no.	EC no.
1 titanium dioxide; [in powder form more of particles with aerodynam		236-675-5
μm]		
Route of exposure	oral	
Route of exposure NOAEL	oral > 96	i2 mg/kg bw/d
Route of exposure NOAEL Species	> 96 rat	2 mg/kg bw/d
Route of exposure NOAEL Species Method	> 96 rat OECD 408	2 mg/kg bw/d
Route of exposure NOAEL Species Method Source	> 96 rat OECD 408 ECHA	
Route of exposure NOAEL Species Method Source Evaluation/classification	> 96 rat OECD 408 ECHA Based on available data, the clas	
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure	> 96 rat OECD 408 ECHA Based on available data, the class inhalational	
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species	> 96 rat OECD 408 ECHA Based on available data, the clas inhalational rat	
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species Source	> 96 rat OECD 408 ECHA Based on available data, the class inhalational rat ECHA	ssification criteria are not met.
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species	> 96 rat OECD 408 ECHA Based on available data, the clas inhalational rat	ssification criteria are not met.
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species Source Evaluation/classification Aspiration hazard	> 96 rat OECD 408 ECHA Based on available data, the class inhalational rat ECHA	ssification criteria are not met.
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species Source Evaluation/classification	> 96 rat OECD 408 ECHA Based on available data, the class inhalational rat ECHA	ssification criteria are not met.
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species Source Evaluation/classification Aspiration hazard No data available	> 96 rat OECD 408 ECHA Based on available data, the clas inhalational rat ECHA Based on available data, the clas	ssification criteria are not met.
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species Source Evaluation/classification Aspiration hazard No data available Delayed and immediate effects as wel	> 96 rat OECD 408 ECHA Based on available data, the class inhalational rat ECHA Based on available data, the class I as chronic effects from short and long	ssification criteria are not met. ssification criteria are not met.
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species Source Evaluation/classification Aspiration hazard No data available Delayed and immediate effects as wel The liquid splashed in the eyes may caus	interpretation of the second	ssification criteria are not met. ssification criteria are not met. g-term exposure akes into account, where known,
Route of exposure NOAEL Species Method Source Evaluation/classification Route of exposure Species Source Evaluation/classification Aspiration hazard No data available Delayed and immediate effects as wel The liquid splashed in the eyes may caus	> 96 rat OECD 408 ECHA Based on available data, the class inhalational rat ECHA Based on available data, the class I as chronic effects from short and long se irritation and reversible damage. This ta chronic effects of components from short-the	ssification criteria are not met. ssification criteria are not met. g-term exposure akes into account, where known,

Endocrine disrupting properties No data available.

Other information No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute) No data available

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No data available

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Toxi	icity to algae (acute)				
No	Substance name		CAS no.		EC no.
1	titanium dioxide; [in powder fo more of particles with aerodyna μm]		13463-67-7		236-675-5
EC5		>		100	mg/l
	ation of exposure			72	h
Spe			Raphidocelis subcapitata		
Method Source Evaluation/classification		OECD 201			
		ECHA			
		Based on the	Based on the available data, the classification criteria are not met		
Toxi	icity to algae (chronic)				
No data available					
Bac	teria toxicity				
		No data available			

and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	titanium dioxide; [in powder form contain more of particles with aerodynamic diam µm]		236-675-5
Source		ECHA	
Evaluation		Not applicable for inorganic substance	es.

12.3 Bioaccumulative potential

No	Substance name	(log value)	CAS no.	EC no.	
1	titanium dioxide; [in powder fo more of particles with aerodyn µm]		13463-67-7	236-675-5	
Not	applicable				
Sou		ECHA			

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

12.6 Endocrine disrupting properties No data available.

12.7 Other adverse effects No data available.

12.8 Other information

Other information

Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste code 08 01 12 waste paint and varnish other than those mentioned in 08 01 11 The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

EU safety data sheet

Trade name: einzA Decor

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Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Empty containers must be scrapped or reconditioned.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments Not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006

lo	Substance name	CAS no.	EC no.	No
	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	75
	bronopol	52-51-7	200-143-0	75
	Calcium carbonate	471-34-1	207-439-9	75
4	Limestone	1317-65-3	215-279-6	75
5	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3- one and 2-methyl-2H -isothiazol-3-one (3:1)	55965-84-9	-	75
j	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 μm]	13463-67-7	236-675-5	75

This product is not subject to Part 1 or 2 of Annex I.

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Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

relevant VOC limit value as referred to in Annex II of Directive 2004/42/CE, Cat. : a, type: lb = 30 g/l Max. VOC content (limit value) of the product in its ready for use condition = < 30 g/l

National regulations

Other national regulations

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

30000013/	
EUH071	Corrosive to the respiratory tract.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
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.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H351i	Suspected of causing cancer by inhalation.
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.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
V	If the substance is to be placed on the market as fibres (with diameter < 3 μ m, length > 5 μ m and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.
W	It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

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The concentration stated or, in the absence of such concentrations, the generic concentrations of this Regulation (Table 3.1) or the generic concentrations of Directive 1999/45/EC (Table 3.2), are the percentages by weight of the metallic element calculated with reference to the total weight of the mixture.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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