



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

- **1.1 Product identifier**
- **Trade name:** CELCOVER CLEARCOAT
- **Article number:** VCC
- **Version number:** 1
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture:** Paint
- **1.3 Details of the supplier of the safety data sheet**
- **Identification of the company/undertaking:**

STARDUSTCOLORS SAS
Za de Tesan - Plan Sud
30126 St Laurent des Arbres
FRANCE
0033 466 50 61 66
info@stardustcolors.com
<https://www.stardustcolors.com/>
- **Further information obtainable from:**
E-mail address of the competent person responsible for the Safety Data Sheet
- **1.4 Emergency telephone number:**
France:
- Company ORFILA: + (33) 01 45 42 59 59

Trade name: **CELCOVER CLEARCOAT VCC**

(Contd. of page 1)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.


GHS08 Health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.


GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
reaction mass of ethylbenzene and xylene
- **Hazard statements**
Highly flammable liquid and vapour.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.
- **Precautionary statements**
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not breathe vapours.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with regional/national regulations.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 3)

**Trade name: CELCOVER CLEARCOAT VCC**

(Contd. of page 2)

· **vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients**· **3.2 Mixtures**· **Description:** Mixture: consisting of the following components.· **Dangerous components:**

EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34 01-2119539452-40	reaction mass of ethylbenzene and xylene ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	25-50%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	10-25%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	2.5-10%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46	ethyl acetate ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
CAS: 108-94-1 EINECS: 203-631-1 Reg.nr.: 01-2119453616-35	cyclohexanone ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	1-2.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures**· **4.1 Description of first aid measures**· **General information:** Immediately remove any clothing soiled by the product.· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures· **5.1 Extinguishing media**· **Suitable extinguishing agents:**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **For safety reasons unsuitable extinguishing agents:** Water with full jet· **5.2 Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

(Contd. on page 4)



Trade name: CELCOVER CLEARCOAT VCC

(Contd. of page 3)

- **5.3 Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Prevent seepage into sewage system, workpits and cellars.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Avoid inhalation of spray application of the product.
To remove contaminated clothing and protective equipment before entering eating areas.
To wash hands after use.
Not to eat, drink and smoke in work areas.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

CAS: 123-86-4 n-butyl acetate

WEL	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
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(Contd. on page 5)

**Trade name: CELCOVER CLEARCOAT VCC**

(Contd. of page 4)

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

WEL Short-term value: 548 mg/m³, 100 ppm
 Long-term value: 274 mg/m³, 50 ppm
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CAS: 141-78-6 ethyl acetate

WEL Short-term value: 1468 mg/m³, 400 ppm
 Long-term value: 734 mg/m³, 200 ppm

· DNELs**reaction mass of ethylbenzene and xylene**

Oral	DNEL Long term systemic effects	1.6 mg/kg/day (consumers)
Dermal	DNEL Long term systemic effects	125 mg/kg bw/24h (consumers) 212 mg/kg bw/24h (workers)
Inhalative	DNEL Long term systemic effects	65.3 mg/m ³ (consumers) 221 mg/m ³ (workers)
	DNEL Short term local effects	289 mg/m ³ (workers)
	DNEL Long term local effects	65.3 mg/m ³ (consumers)

CAS: 123-86-4 n-butyl acetate

Oral	DNEL Long term systemic effects	2 mg/kg/day (consumers)
	DNEL Sort term systemic effects	2 mg/kg/day (consumers)
Dermal	DNEL Long term systemic effects	6 mg/kg bw/24h (consumers) 11 mg/kg bw/24h (workers)
	DNEL Sort term systemic effects	6 mg/kg/ bw/24h (consumers) 11 mg/kg/ bw/24h (workers)
Inhalative	DNEL Sort term systemic effects	6 mg/m ³ (consumers)
	DNEL Short term local effects	300 mg/m ³ (consumers) 600 mg/m ³ (workers)
	DNEL Long term local effects	35.7 mg/m ³ (consumers) 300 mg/m ³ (workers)

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

Oral	DNEL Long term systemic effects	1.67 mg/kg/day (consumers)
Dermal	DNEL Long term systemic effects	54.8 mg/kg bw/24h (consumers) 153.5 mg/kg bw/24h (workers)
Inhalative	DNEL Long term systemic effects	33 mg/m ³ (consumers) 275 mg/m ³ (workers)
	DNEL Short term local effects	550 mg/m ³ (workers)

CAS: 141-78-6 ethyl acetate

Dermal	DNEL Long term systemic effects	63 mg/kg bw/24h (workers)
Inhalative	DNEL Long term systemic effects	734 mg/m ³ (workers)
	DNEL Sort term systemic effects	1,468 mg/m ³ (workers)
	DNEL Short term local effects	1,468 mg/m ³ (workers)
	DNEL Long term local effects	734 mg/m ³ (workers)

· Additional information: The lists valid during the making were used as basis.

(Contd. on page 6)

Trade name: CELCOVER CLEARCOAT VCC

(Contd. of page 5)

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.

Respiratory protection:


In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:


Tightly sealed goggles

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties
General Information
Appearance:
Form:

Fluid

Colour:

According to product specification

Odour:

Characteristic

Odour threshold:

Not determined.

pH-value:

Not determined.

Change in condition
Melting point/freezing point:

Undetermined.

(Contd. on page 7)

**Trade name: CELCOVER CLEARCOAT VCC**

(Contd. of page 6)

Initial boiling point and boiling range: 76-78 °C	
· Flash point:	<21 °C
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	315 °C
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits:	
Lower:	3 Vol %
Upper:	10.4 Vol %
· Vapour pressure at 20 °C:	10.7 hPa
· Density at 20 °C:	0.957 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Solids content (w/w):	37.9 %
· 9.2 Other information:	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:****reaction mass of ethylbenzene and xylene**

Oral	LD50	3,523 mg/kg (rat)
Dermal	LD50	12,126 mg/kg (rabbit)
Inhalative	LC50/4 h	27.124 mg/l (rat)

(Contd. on page 8)

**Trade name: CELCOVER CLEARCOAT VCC**

(Contd. of page 7)

CAS: 123-86-4 n-butyl acetate

Oral	LD50	>10,000 mg/kg (rat)
Dermal	LD50	>14,000 mg/kg (rabbit)

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	8,500 mg/kg (rat)
Inhalative	LC50/4 h	35.7 mg/l (rat)

CAS: 141-78-6 ethyl acetate

Oral	LD50	10,170 mg/kg (rat)
		4,935 mg/kg (rbt)
Dermal	LD50	>18,000 mg/kg (rabbit)
Inhalative	LC50/6 h	>22.5 mg/l (rat)

CAS: 108-94-1 cyclohexanone

Oral	LD50	1,620 mg/kg (rat)
Dermal	LD50	1,100 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause respiratory irritation.
- **STOT-repeated exposure**
May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information• **12.1 Toxicity**• **Aquatic toxicity:****reaction mass of ethylbenzene and xylene**

EC50/24 h	1 mg/l (daphnia magna)
EC50/48 h	1.3 mg/l (pseudokirchneriella subcapitata (algae))
EC50/72 h	2.2 mg/l (pseudokirchneriella subcapitata (algae))
LC50/96 h	2.6 mg/l (oncorhynchus mykiss (rainbow trout))

CAS: 123-86-4 n-butyl acetate

EC50/48 h	44 mg/l (daphnia magna)
EC50/72 h	675 mg/l (scenedesmus subspicatus (algae))
LC50/96 h	100 mg/l (lepomis macrochirus (fish))
	62 mg/l (leuciscus idus)
	18 mg/l (pim)

(Contd. on page 9)

**Trade name: CELCOVER CLEARCOAT VCC**

(Contd. of page 8)

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

EC50/48 h >500 mg/l (daphnia magna)

LC50/96 h 161 mg/l (pim)

CAS: 141-78-6 ethyl acetate

EC50/48 h 165 mg/l (daphnia magna)

EC50/72 h >100 mg/l (desmodesmus suspicatus)

LC50/96 h 230 mg/l (pim)

CAS: 108-94-1 cyclohexanone

EC50/24 h 820 mg/l (daphnia magna)

LC50/24 h 800 mg/l (daphnia magna)

EC10/72 h 3.56 mg/l (algae)

EC50/192 h 370 mg/l (scenedesmus subspicatus (algae))

EC50/72 h 32.9 mg/l (algae)

LC50/96 h 527 mg/l (pim)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Product**
- **Recommendation:**
Disposal must be made according to official regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
The information given is based on Directive (EU) 2008/98.
- **European waste catalogue**
This product is considered hazardous waste as defined by EU Directive 2008/98/EC.
- **European waste catalogue**
08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.
The package should be properly drained.


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(Contd. on page 10)

**Trade name: CELCOVER CLEARCOAT VCC**

(Contd. of page 9)

SECTION 14: Transport information

· 14.1 UN-Number	UN1263
· ADR, IMDG, IATA	
· 14.2 UN proper shipping name	1263 PAINT
· ADR	PAINT
· IMDG, IATA	
· 14.3 Transport hazard class(es)	
· ADR, IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	III
· ADR, IMDG, IATA	
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code): -	
· EMS Number:	F-E, S-E
· Stowage Category	A
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.

(Contd. on page 11)

**Trade name: CELCOVER CLEARCOAT VCC**

(Contd. of page 10)

- **Seveso category** P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t

· LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)
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None of the ingredients is listed.

- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations**

· Substances of very high concern (SVHC) according to REACH, Article 57
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None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Phrases from sections 2 and 3**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

· Classification according to Regulation (EC) No 1272/2008

Flammable liquids	On basis of test data
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Skin corrosion/irritation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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Serious eye damage/eye irritation

Specific target organ toxicity (single exposure)
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Specific target organ toxicity (repeated exposure)
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- **Department issuing SDS:**

See adress in section 1 on this MSDS

(Contd. on page 12)



Page: 12/12

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Revision date: 18.09.2020

Safety data sheet

according to Regulation (EC) n° 1907/2006 and its amendments

Trade name: CELCOVER CLEARCOAT VCC

(Contd. of page 11)

· **Contact:** See adress in section 1 on this MSDS

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity - dermal – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

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