

Safety Data Sheet according to Regulation (EC) No 830/2015

Date of Compilation/Revision: 23.09.2020.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers: 3D Decor Pen

Subtypes: 3D Decor Pen silver, 3D Decor Pen pearl, 3D Decor Pen glitter

Type of substance: CLP Mixture

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

Hobby paint.

1.3 Details of the supplier of the safety data sheet:

Pentacolor Kft.

1103 Budapest, Gyömrői út 86.

tel.: +36-1-260-7477

fax: +36-1-262-1345

e-mail: info@pentacolor.hu

For product safety information please contact: info@pentacolor.hu

1.4 Emergency telephone number:

Egészségügyi Toxikológiai Tájékoztató Szolgálat

Address: 1096, Budapest, Nagyvárad tér 2., Hungary

tel: 06/80/20 11 99 (green number), 06/1/ 476 64 64 (during working hours)

SECTION 2. HAZARDS IDENTIFICATION

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

Eye Irrit. 2 H319 Causes serious eye irritation

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:



Warning

Hazard Statements:

H319 Causes serious eye irritation

Precautionary Statements

P102 Keep out of reach of children

P264 Wash hands and face thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P305 + P351 + P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P337 + P313 If eye irritation persists: Get medical advice/attention

Hazardous components which must be listed on the label:

2-butoxyethanol, Poly(oxy-1,2-ethanediyl), α -(3-carboxy-1-oxosulfopropyl)- ω -hydroxy-, C10-12-alkyl ethers, disodium salts

Additional labelling:

EUH208 Contains 3-Glycidoxypropyl)methyldiethoxysilane, BIT, (C(M)IT-MIT). May produce an allergic reaction.

2.3 Other hazards:

It does not contain PBT/vPvB materials,

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixture:**

The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Hazardous Substance(s): ethylene glycol monobutyl ether (substances with occupational exposure limit values)

concentration: < 2%

EC-No.: 203-905-0

CAS-No.: 111-76-2

Index-No. : 603-014-00-0

Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 4 (*) H302, Acute Tox. dermal 4 (*) H312, Acute Tox. inhal. 4 (*) H332, Skin Irrit. 2 H315, Eye Irrit. 2 H319

Registration number: 01-2119475108-36-0005, 01-2119475108-36-0010, 01-2119475108-36-xxxx

Hazardous Substance(s): Poly(oxy-1,2-ethanediyl), α -(3-carboxy-1-oxosulfo)propyl)- ω -hydroxy-, C10-12-alkyl ethers, disodium salts

concentration: < 1,5%

EC-No.: -- (polymer)

CAS-No.: 68954-91-6

Classification according to Regulation (EC) No 1272/2008 : Eye Dam. 1 H318

Hazardous Substance(s): (3-Glycidoxypropyl)methyldiethoxysilane

concentration: < 1%

EC-No.: 220-780-8

CAS-No.: 2897-60-1

Classification according to Regulation (EC) No 1272/2008 : Skin Sens. 1B H317

Hazardous Substance(s): ammonia...% (substances with occupational exposure limit values)

concentration: < 0.05 %

EC-No.: 215-647-6

CAS-No.: 1336-21-6

Index-No.: 007-001-01-2

Classification according to Regulation (EC) No 1272/2008 : Skin Corr. 1B H314, STOT SE 3 H335, Aquatic Acute 1 H400, Aquatic Chronic 2 H411 (SCL: STOT SE 3 H335: c \geq 5 %), Note B)

Hazardous Substance(s): 1,2-benzisothiazol-3(2H)-one (BIT) (Substance with triggering limit)

concentration: < 0,05%

EC-No.: 220-120-9

CAS-No.: 2634-33-5

Index-No.: 613-088-00-6

Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 4* H302, Acute Tox. inhal. 2 H330, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam, 1 H318, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 2 H411 (SCL: Skin Sens. 1 H317: c \geq 0.05%)

Hazardous Substance(s): Pyrithione zinc

concentration: < 0.02 %

EC-No.: 236-671-3

CAS-No.: 13463-41-7

Classification according to Regulation (EC) No 1272/2008 Acute Tox. oral 3 H301, Acute Tox. inhal 4 H332, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)
Registration number 01-2119511196-46-xxxx (as biocid is free)

Hazardous Substance(s): Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) C(M)IT-MIT (Substance with a trigger limit) C(M)IT-MIT

concentration: < 0,0015%

EC-No.: - (mixture)

CAS-No.: 55965-84-9

ECHA-No.: 611-341-5

Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 3(*) H301, Acute Tox. dermal 2(*) H310, Acute Tox. inhal. 2(*) H330, Skin Corr. 1C H314, Skin Sens. 1A H317, Eye Dam. 1 H318, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, EUH071 (SCL: Skin Corr. 1C H314: $c \geq 0,6 \%$, Skin Irrit. 2 H315: $0,06 \% \leq c < 0,6 \%$, Eye Irrit. 2 H319: $0,06 \% \leq c < 0,6 \%$, Skin Sens. 1 H317: $c \geq 0,0015 \%$, M Acute = 100, M Chronic = 100), Note B

Hazardous Substance(s): Aluminium powder (stabilized)
concentration: 0-4 %
EC-No.: 236-671-3
CAS-No.: 231-072-3
Index-No.: 013-002-00-1

Classification according to Regulation (EC) No 1272/2008 Flam. Sol. 1 H228 (Note T)
Registration number 01-2119529243-45-xxxx

Hazardous Substance(s): polyaryl ethoxylate
concentration: 0-3%
CAS-No.: 99734-09-5

Classification according to Regulation (EC) No 1272/2008: Aquatic Chronic 3 H412

Note B: Certain substances (acids, alkalis, etc.) are in the form of aqueous solutions of different concentrations and should therefore be labeled differently as the degree of danger varies depending on the concentration. The items supplemented with Note B has a general description : ... % nitric acid. In this case, the supplier of the substance must indicate the concentration of the solution on the label. Unless otherwise stated, it is to be assumed that the percentage concentration is expressed as a percentage by weight.

Note T: This material can be placed on the market in a form, which does not have the physical hazards listed in Part 3. If the results of the the method of the regulation show that the given form of the placed material does not have this physical property, or these physical hazards, the classification of the substance shall be based on the result of this test or tests. The relevant information, including reference to relevant test methods, shall be indicated on the safety data sheet.

** Harmonized classification supplementing with manufacturer's classification
(*) minimum classification for a category

Refer to Section 16 for full details of hazard statements and Notas.

SECTION 4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures:

General:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Usually there is no need for first aid.

Keep patient calm, remove to fresh air, if necessary, seek medical attention.

Eye contact:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Consult a doctor in case of persistent symptoms or complaints.

Skin contact:

Wash thoroughly with with plenty of water.

Ingestion:

Rinse mouth. When symptoms persist, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

From symptoms and effects we donot have any information.

4.3 Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Dry sand, CO₂, special powders suitable for metals fire.

Not to be used : High power water jet.

5.2 Special hazards arising from the substance or mixture

In case of fire or thermal decomposition dangerous fumes, gases and metal oxides may be formed

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

Use fine water spray to cool endangered containers. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

SECTION 6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Remove the unauthorized persons. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Remove all sources of ignition. Provide adequate ventilation.

6.2 Environmental precautions

Do not allow to enter drains or watercourses.

6.3 Methods and materials for containment and cleaning up

Small spills: Soak up with cloth. For residues: Pick up with suitable absorbent material (e.g. sand, earth, or similar inert absorbent), and collect in barrels for later destruction. Dispose of absorbed material in accordance with regulations. Wash the contaminated area with plenty of water.

6.4 Reference to other sections

Use personal protective equipment recommended in section 8.

For disposal see section 13.

SECTION 7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

No special measures are required.

Avoid contact with skin and eyes. Do not breathe powder. Provide adequate ventilation.

Do not eat, drink or smoke while working. Wash hands before breaks and at the end of workday.

Contaminated work clothing should not be allowed out of the workplace. Contaminated clothing should be discarded and washed out before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition and from incompatible materials.

7.3 Specific end uses

See section 1.2

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Components with workplace control parameters**

CAS 111-76-2 ethylene glycol monobutyl ether: 8 hours limit value: 98 mg/m³ (20 ppm)

Short term limit value: 246 mg/m³ (50 ppm) (2000/39/EC)

CAS 7664-41-7 ammonia: 14 mg/m³ (8 hours), 36 mg/m³ (short-term)

8.2 Exposure controls**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Local or general extraction system is recommended in order to keep the exposure as low as possible. Safety shower, eyewash is recommended.

If local risk assessment requires, weigh the concentration of the components in the air.

Personal protective equipment**Eye/face protection**

Safety glasses with side-shields according to EN 166.

Skin protection

Chemical resistant gloves, overall or work clothes (EN 374)

Body Protection

Protective clothing according to EN ISO 20345

Respiratory protection

Provide good ventilation of working area. Wear respiratory protection if ventilation is inadequate.

Dust mask and organic substances provided for combined respiratory protective, if necessary.

Environmental exposure controls

Check emissions of the local exhaust system during the production in order to comply with environmental protection requirements

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

(a) Appearance: viscous liquid, Colour: product-specific

(b) Odour: characteristic

(c) Odour threshold: not determined

(d) pH: 7-8,5

(e) Melting point/freezing point: not determined

(f) Initial boiling point and boiling range: not determined

(g) Flash point: not determined

(h) Evaporation rate: not determined

(i) Flammability (solid, gas): Not applicable (non-flammable liquid).

(j) Upper/lower flammability or explosive limits: Not applicable (non-flammable / non-explosive liquid).

(k) Vapour pressure: not determined

(l) Vapour density: not determined

(m) Relative density: 1,0-1,15 g/cm³

(n) Solubility(ies): soluble in water

(o) Partition coefficient: n-octanol/water: not determined

(p) Auto-ignition temperature: not determined

(q) Decomposition temperature: not determined

(r) Viscosity: not determined

(s) Explosive properties: product is not explosive.

(t) Oxidising properties. non-oxidizing

9.2. Other information

No data available

SECTION 10. STABILITY AND REACTIVITY**10.1 Reactivity**

No hazardous reactions can be expected under normal handling and storage

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction in normal use.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

In case of fire or thermal decomposition dangerous fumes, gases and metal oxides may be formed

SECTION 11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

There are no data available on the preparation itself.

(a) acute toxicity: Based on available data, the classification criteria are not met

The product does not contain components of acute toxicity-classified at or above the general classification limits.

(b) skin corrosion/irritation: Based on available data, the classification criteria are not met
The product does not contain components of skin corrosion or skin irritation at or above the general classification limits.

(c) serious eye damage/irritation: Causes serious eye irritation

(d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
The product contains components classified as skin sensitization at concentrations above the triggering limit as indicated by the EUH208 phrases on the label.

(e) germ cell mutagenicity: Based on available data, the classification criteria are not met
The product does not contain mutagenic components

(f) carcinogenicity: Based on available data, the classification criteria are not met
The product does not contain carcinogenic components

(g) reproductive toxicity: Based on available data, the classification criteria are not met
The product does not contain components of reproductive toxicity.

(h) STOT-single exposure: Based on available data, the classification criteria are not met
The product does not contain a single exposure specific target organ toxicity-classified components in the general classification limit values or concentration above.

(i) STOT-repeated exposure: Based on available data, the classification criteria are not met
The product does not contain components classified as repeated-exposure target organ toxicity.

(j) aspiration hazard: Based on available data, the classification criteria are not met
The product does not contain any components classified as aspiration toxicity.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

There are no data available on the preparation itself.
Based on available data, the classification criteria are not met

12.2 Persistence and degradability

Biodegradability

There is no available information

12.3 Bioaccumulative potential

There is no available information

12.4 Mobility in soil

The product is water-soluble. No additional available information.

12.5 Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT(Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

12.6 Other adverse effects

Not known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not dispose of together with household waste. In accordance with local and national regulations.

Product: Hazardous waste. Waste hazard category HP 4 irritant, HP 13 causing sensitivity . Waste identification code 08 01 11

Contaminated packaging: Hazardous waste. Waste identification code 15 01 10

SECTION 14. TRANSPORT INFORMATION

Transportation for non-hazardous goods.

14.1 ADR/RID, IMDG, IATA: UN number: Not applicable.

14.2 ADR/RID, IMDG, IATA: UN proper shipping name: Not applicable.

14.3 ADR/RID, IMDG, IATA: Transport hazard class(es): Not applicable.

14.4 ADR/RID, IMDG, IATA: Packing group: Not applicable.

14.5 Environmental hazards: No

14.6 Special precautions for user: Handle in accordance with good industrial hygiene and safety practice.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

According to the local regulation. For product there are no special requirements.

The components of this product are included in the following notification lists; are exempted, or otherwise meet requirements: EINECS/ELINCS/NLP (EU), DSL/NDSL (Kanada), KECI (Dél-Korea), TSCA (USA).

The ingredients of this product are not included on California's 65 list

15.2 Chemical Safety Assessment

Chemical safety assessment has not been carried out./ not required.

SECTION 16. OTHER INFORMATION

LIST OF RELEVANT H-PHRASES IN SECTION 3

H-Phrases

EUH071 Corrosive to the respiratory tract.

H301 Toxic if swallowed

H302 Harmful if swallowed

H310 Fatal 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

H330 Fatal if inhaled

H332 Harmful if inhaled

H335 May cause respiratory irritation

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

The classification was prepared according to the 1272/2008/EK Regulation:
based on calculation method

Data Sources:

The previously-classified hazardous materials list
Internet database of chemical substances
Safety data sheets of components

Abbreviations:

Acute Tox. Acute Toxicity

Acute Tox. oral Acute Toxicity oral

Acute Tox. dermal Acute Toxicity dermal

Skin Irrit. Skin Irritation

Skin Sens. Skin Sensitization

Eye Dam. Eye Damage

Eye Irrit. Eye Irritation

STOT SE Specific target organ toxicity – single exposure

Aquatic Acute

Aquatic Chronic

SCL: Specific Concentration limit
EK / EU European community/European union
EGK European Economic Community
DNEL Derived No Effect Level
PNEC Predicted No Effect Concentration
CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures /
CAS Chemical Abstracts Service
UN / ENSZ United Nations
ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route
RID Règlement international concernant le transport des marchandises dangereuses par chemin de fer
IMDG International Maritime Code for Dangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships
IBC Intermediate Bulk Container
IATA International Air Transport Association
ICAO International Civil Aviation Organization
PBT Persistent, Bioaccumulative, Toxic
vPvB very Persistent, very Bioaccumulative

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue, and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.