

Safety Data Sheet for not dangerous article

Date of Compilation/Revision: 24.06.2019.

As the product is not a hazardous article, it is not covered by Article 31 of Title IV of the REACH Regulation, so no safety data sheet needs to be issued. This safety information sheet is not intended to meet the above requirements of REACH.

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

Product identifiers: Metal leaves, Metal flakes

Type of substance: Mixture (Article)

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

Artistic decoration..

1.3 Details of the supplier of the safety data sheet:

Pentacolor Ltd.

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

This product is not classified according to (EC) Regulation No 1272/2008.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008

Metal leaves, Metal flakes

This product is not classified according to (EC) Regulation No 1272/2008.

2.3 Other hazards:

It does not contain PBT/vPvB materials, Further hazards are possible when powdered.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

The form (sheet/flake article) does not contain a dangerous component.

SECTION 4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures:

Inhalation:

No exposure due to product form. No action required.

Eye contact:

No exposure due to product form. Consult a doctor in case of persistent symptoms or complaints.

Skin contact:

No special measures required. Wash thoroughly with soap and water.

Ingestion:

No exposure due to product form. When symptoms persist, seek medical attention.

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

Usually no health problems are expected in normal treatment and use.

4.3 Indication of immediate medical attention and special treatment needed:

No exposure due to product form. Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water, solid extinguishing agents, extinguishing powder, extinguishing foam, carbon dioxide (CO₂)

Not to be used : High power water jet.

5.2 Special hazards arising from the substance or mixture

Not typical.

5.3 Advice for firefighters

The usual procedure for metal fires.. This must not be discharged into drains.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Handle in accordance with good industrial hygiene and safety practice.

6.2 Environmental precautions

No special precautions. Do not flush into surface water or sanitary sewer system

6.3 Methods and materials for containment and cleaning up

Collect mechanically and place it in a suitable container for reuse or disposal.

6.4 Reference to other sections

Use personal protective equipment recommended in section 8.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, cool place, preferably in the original packaging. Keep away from children.

7.3 Specific end uses

See section 1.2 Children under the age of six are only used with parental care.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Eye/face protection: Not required.

Skin protection: Not required

Body Protection: Not required

Respiratory protection: Not necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

(a) Appearance: Sheets, flakes. Colour: depending on the product-type,

(b) Odour: odourless, metallic

(c) Odour threshold: Not applicable.

(d) pH: Not applicable.

(e) Melting point/freezing point: no information available.

(f) Initial boiling point and boiling range: no information available.

(g) Flash point: not applicable - not flammable.

(h) Evaporation rate: not applicable - non-volatile solid.

(i) Flammability (solid, gas): not flammable

(j) Upper/lower flammability or explosive limits: no information available.

(k) Vapour pressure: not applicable - non-volatile solid

(l) Vapour density: not applicable - non-volatile solid

(m) Relative density: 2,7-8,85 g/cm³ (20 C)

(n) Solubility(ies): insoluble in water

- (o) Partition coefficient: n-octanol/water: no information available
- (p) Auto-ignition temperature: no information available
- (q) Decomposition temperature: no information available
- (r) Viscosity: Not applicable.
- (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

Chemically stable, no particular incompatibility

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

Reacts with strong acids and alkalis. Dangerous reactions to health and the environment during dusting may occur.

10.4 Conditions to avoid

Heating, dusting.

10.5 Incompatible materials

Strong acids and alkalis.

10.6 Hazardous decomposition products

No decomposition is expected in the prescribed use. .

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(a) acute toxicity:

It is not classified in the given form according to the method of calculating CLP classification

(b) skin corrosion/irritation: Not classified according to the calculation method of CLP

(c) serious eye damage/irritation: Not classified according to the calculation method of CLP

(d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met

(e) germ cell mutagenicity: Based on available data, the classification criteria are not met

(f) carcinogenicity: Based on available data, the classification criteria are not met

(g) reproductive toxicity: Based on available data, the classification criteria are not met

(h) STOT-single exposure: Based on available data, the classification criteria are not met

(i) STOT-repeated exposure: Based on available data, the classification criteria are not met

(j) aspiration hazard: Based on available data, the classification criteria are not met

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

According to the method of calculating the CLP classification in the given form, the product is not dangerous a aquatic environment.

12.2 Persistence and degradability

Biodegradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

Does not contain PBT and vPvB substances.

12.6 Other adverse effects

May be hazardous in dust form for environment.

SECTION 13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose of in accordance with national and local regulations.
Material can be landfilled in compliance with local regulations. If possible, recycling should be preferred to disposal.

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

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.

SECTION 16. OTHER INFORMATION**Abbreviations:**

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 Gangerous 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.