

Safety Data Sheet for not dangerous mixtures

***according to 878/2020 EU Regulation**

Date of Compilation/Revision: 10.05.2018./10.12.2024.

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

1.1. Product identifiers Acrylic Retarder

Type of substance: CLP Mixture

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

Additive to slow the drying of acrylic paints. Hobby product.

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

https://echa.europa.eu/documents/10162/23019181/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d

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

Acrylic Retarder

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not required to sign up.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Not a hazardous mixture according to Regulation (EC) No. 1272/2008.

Contains no dangerous substances.

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

General advise:

Take off all contaminated clothing immediately.

Inhalation:

If breathed in, move person into fresh air. After significant exposure, seek medical attention.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If symptoms persist, call a physician.

Skin contact:

Wash off with soap and plenty of water.

Ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth and drink plenty of water.. If swallowed, do not induce vomiting - call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : headaches, dizziness, irritation of the mucous membranes, gastrointestinal disorders, diarrhea.

Effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures*5.1. Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Not to be used : Not known.

5.2. Special hazards arising from the substance or mixture

The product is not flammable, but do not expose it to direct sources of heat and ignition. Steam/air mixtures are explosive under intense heating. In case of fire, acrolein, carbon dioxide, and carbon monoxide are produced.

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. Provide adequate ventilation. Do not breathe vapour.

6.2. Environmental precautions

Do not allow to enter drains or watercourses. Should be diluted with water

6.3. Methods and materials for containment and cleaning up

Pick up with suitable inert absorbent material. Remove ignition sources.

Dispose of absorbed material in accordance with regulations. Spilled product is a slip hazard. Soak up small spills with a rag and dispose of the rag as contaminated waste. For larger spills, use protective equipment.

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.

Handle in accordance with good industrial hygiene and safety practice . Recommended treatment temperature < 35 C

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, dry, well-ventilated place.

Requirements for storage areas and containers: no special storage conditions are required

Advice on protection against fire and explosion: no special protection is required.

Keep away from sources of ignition, oxidizing agents, strong acids, bases, peroxides, halogenated compounds.

Storage temperature: In original, intact, tightly sealed packaging, under the prescribed storage conditions, it can be kept for 24 months from opening.

7.3. Specific end uses

See section 1.2

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

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment

Personal protective equipment is not required for normal use.

Eye/face protection

Use safety goggles against possible splashes or accidental contact.

Skin protection

Protective gloves according to EN 374. can be used, but in normal case it is not necessary.

Body Protection

It is not necessary for normal use. Protective clothing according to EN ISO 20345

Respiratory protection

When steam or aerosol is released, a gas mask bearing the appropriate filter (P1) shall be worn

Environmental exposure controls

Do not allow to enter drains or watercourses.

*** SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

- (a) Physical state viscous liquid
- (b) Colour translucent
- (c) Odour characteristic
- (d) Melting point/freezing point No data
- (e) Boiling point or initial boiling point and boiling range No data
- (f) Flammability non-flammable
- (g) Lower and upper explosion limit non-explosive
- (h) Flash point No data
- (i) Auto-ignition temperature No data
- (j) Decomposition temperature No data
- (k) pH 5-7
- (l) Kinematic viscosity No data
- (m) Solubility miscible with water
- (n) Partition coefficient n-octanol/water (log value) No data
- (o) Vapour pressure No data
- (p) Density and/or relative density 1 - 1,2 g/cm³
- (q) Relative vapour density No data
- (r) Particle characteristics Not applicable for fluid

9.2. Other information

Non-oxidizing.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reacts with acids, with oxidizing agents.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

React with strong acids, oxidizing agents, peroxides, halogenated compounds.

10.4. Conditions to avoid

High temperatures (> 290 °C)

10.5. Incompatible materials

Strong oxidizing agents, strong acids, peroxides, halogenated compounds.

10.6. Hazardous decomposition products

Vapor/air mixtures are explosive due to intense heating. Acrolein is produced in the event of fire.

SECTION 11: Toxicological information*11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

There are no data available on the preparation itself.

In normal use health injuries are not known or expected

- (a) acute toxicity: Based on available data, the classification criteria are not met
LD50 oral (calculated): 15333,33-36266,67 mg/kg
LD dermal (calculated): 75666,67 mg/kg
LC0 inhal. (calculated): 7800 mg/l.
- (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. Mild irritation may occur.
- (c) serious eye damage/irritation: Based on available data, the classification criteria are not met
The product does not contain components which damage or irritate to eyes at or above the general classification limits. Mild irritation may occur.
- (d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met
The product does not contain components classified as skin sensitization at or above the general classification limits
- (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 components classified as single exposure specific target organ toxicity.
- (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 at or above the general classification limits.
- (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

Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

12.4. Mobility in soil

The product is water-soluble. No other relevant information available.

12.5. Results of PBT and vPvB assessment not applicable

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

12.6. Endocrine disrupting properties

The product does not contain substances identified as endocrine disrupters.

12.7. Other adverse effects

Slightly water-polluting. Do not allow to enter drains or watercourses.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Non-hazardous waste, but the generation of waste should be avoided or minimized wherever possible. Do not allow into drains or water courses. The waste packaging can be recycled.

***SECTION 14: Transport information**

- 14.1. UN number or ID number Not applicable
14.2. UN proper shipping name Not applicable
14.3. Transport hazard class(es) Not applicable
14.4. Packing group Not applicable

14.5. Environmental hazards No

14.6. Special precautions for user Observe the applicable safety data sheet.

14.7. Maritime transport in bulk according to IMO instruments 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.

15.2. Chemical safety assessment

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

SECTION 16: Other information

*Changes from the previous version

Data Sources:

The previously-classified hazardous materials list

Internet database of chemical substances

Safety data sheets of components

Abbreviations:

| | |
|-------------------|---|
| EEA / EGT | The European Economic Area |
| EEC / EGK | European Economic Community |
| EC / EK | European Community |
| EU | European Union |
| CAS | Chemical Abstracts Service |
| ECHA | The European Chemicals Agency |
| UN / ENSZ | United Nations |
| REACH | Registration, Evaluation, Authorisation and restriction of Chemicals |
| CLP | Regulation on Classification, Labelling and Packaging of Substances and Mixtures |
| ADR | Accord relatif au transport international des marchandises Dangereuses par Route |
| RID | Règlement international concernant le transport des marchandises dangereuses par chemin de fer |
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure |
| IMDG | International Maritime Code for Dangerous Goods |
| IMO | International Maritime Organization |
| IATA | International Air Transport Association |
| ICAO | International Civil Aviation Organization |
| DNEL | Derived No Effect Level |
| PNEC | Predicted No Effect Concentration |
| bw kg / ttkg | body weight in kilograms |
| EN | European Norm / European Standard |
| OECD | Organisation for Economic Co-operation and Development |
| EPA | The Environmental Protection Agency |
| EC ₅₀ | Effective concentration 50 % |
| EC... | Effective concentration ... % |
| EbC ₅₀ | EC ₅₀ value measured on algal biomass |
| ErC ₅₀ | The concentration at which a 50 % inhibition of growth rate is observed |
| LC ₅₀ | Lethal Concentration 50 % |
| LD ₅₀ | Lethal dose 50 percent |
| LOAEL | Lowest observable adverse effect level |
| LOEC | Lowest Observed Effect Concentration |
| NOAEC | No observable adverse effect concentration |
| NOAEL | No observable adverse effect level |
| NO NOEC | No Observed-effect concentration |
| HPLC | High Performance Liquid Chromatography |

Acrylic Retarder

RAC
BCF / BKF

The Committee for Risk Assessment
Bioconcentration factor

Version number: 2.

| | |
|---|---|
| log K _{OW} / log P _{ov} | Logarithm of the partition octanol-water. |
| K _{OC} | Partition coefficient of organic carbon |
| PBT | Persistent, Bioaccumulative, Toxic |
| vPvB | very Persistent, very Bioaccumulative |
| POP | Persistent Organic Pollutant |
| EPC / EPT | The European Parliament and the Council |

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.