

Safety Data Sheet for not dangerous mixtures according to 830/2015 EU Regulation

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

1.1 Product identifiers: Acrylic Primer

Type of substance: CLP Mixture

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

Water-based primer for professional and residential users.

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

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 Primer

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

Additional labelling:

EUH208: Contains BIT, C(M)IT-MIT May cause 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): diethylene glycol monobutyl ether, DEGBE (Substance with Community workplace exposure limit)

concentration: < 1%

EC-No.: 203-961-6

CAS-No.: 112-34-5

Index-No. : 603-096-00-8

Classification according to Regulation (EC) No 1272/2008 : Eye Irrit. 2 H319

Registration number : 01-2119475104-44-0006, 01-2119475104-44-xxxx

Substance(s) with occupational exposure limits: ammonia ...%

concentration: < 0,1%

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)

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): Zinc pyrithione

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)

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.

(*) 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:

The nature of the product does not cause any significant exposure. Keep patient calm, remove to fresh air, seek medical attention.

Eye contact:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Skin contact:

Wash thoroughly with soap and water.

Ingestion:

The nature of the product does not cause any significant exposure. Rinse mouth. When symptoms persist, seek medical attention.

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

No relevant information from symptoms and effects.

Information on the components, see 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**

Water spray, dry powder, foam, carbon dioxide

Not to be used : Not known.

5.2 Special hazards arising from the substance or mixture

Hazardous vapors, gases

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

No special measures are required.

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, sawdust, general-purpose binder, kieselguhr). 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.

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 112-34-5: diethylene glycol monobutyl ether

TWA value 67.5 mg/m³ ; 10 ppm (OEL (EU)) indicative

STEL value 101.2 mg/m³ ; 15 ppm (OEL (EU)) indicative

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

DNEL**112-34-5: diethylene glycol monobutyl ether**

worker:

Long-term exposure - systemic and local effects, Inhalation: 67.5 mg/m³, 10 ppm

worker:

Long-term exposure- systemic effects, dermal: 20 mg/kg

consumer:

Short-term exposure - local effects, Inhalation: 50.6 mg/m³, 7.5 ppm

consumer:

Long-term exposure - systemic and local effects, Inhalation: 34 mg/m³, 5 ppm

consumer:

Long-term exposure- systemic effects, dermal: 10 mg/kg

consumer:

Long-term exposure- systemic effects, oral: 1.25 mg/kg

PNEC

freshwater: 1 mg/l

marine water: 0.1 mg/l

intermittent release: 3.9 mg/l

sediment (freshwater): 4 mg/kg

sediment (marine water): 0.4 mg/kg

STP: 200 mg/l

oral (secondary poisoning): 56 mg/kg

soil: 0.4 mg/kg

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.

Personal protective equipment**Eye/face protection**

Safety glasses with side-shields according to EN 166.

Skin protection

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

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

If local risk assessment requires, use protective equipment. (Chemical resistant gloves, overall or work clothes)

Body Protection

Protective clothing according to EN ISO 20345

Respiratory protection

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

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

(a) Appearance: viscous liquid, Colour: white

(b) Odour: characteristic

(c) Odour threshold: not determined

(d) pH: not determined

(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(non-flammable / non-explosive liquid).

(j) Upper/lower flammability or explosive limits: not determined

(k) Vapour pressure: not determined

(l) Vapour density: not determined

(m) Relative density: 1,4-1,6 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**

Under normal conditions is stable.

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

Hazardous vapors, gases

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: Based on available data, the classification criteria are not met
Components:

diethylene glycol monobutyl ether

irritant (rabbit) OECD 405

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

1,2-Benzisothiazol-3(2H)-on:

(Guinea pig) sensitising - S 2220 OECD 406 (MKA)

(Mouse) sensitising - S 523 (b) OECD 429 (LLNA)

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

Based on available data, the classification criteria are not met

The product does not contain any hazardous components above the general classification limits, which is dangerous to the aquatic environment.

Components:**1,2-Benzisothiazol-3(2H)-on**

EC10/ 72 h 0,04 mg/l (Selenastrum capricornutum) (OECD 201)
EC50/ 72 h 0,11 mg/l (Selenastrum capricornutum) (OECD 201) S 2238
EC50/ 48 h 3,27 mg/l (Daphnia magna) (OECD 202) S 2240
LC50/ 96 h 1,6 mg/l (Oncorhynchus mykiss) (OECD 203) S 2746
NOEC / 21 d 1,2 mg/l (Daphnia magna) (OECD 211) S 803
NOEC / 28 d 0,21 mg/l (Oncorhynchus mykiss) (OECD 215) S 805

Zinc pyrrhione

LC50 (Brachydanio rerio, 96 h): 0,0104 mg/l (OECD 203)
EC50 (Daphnia magna, 48 h): 0,051 mg/l (OECD 202)
EC50 (Pseudokirchneriella subcapitata, 72 h): 0,051 mg/l (OECD 201)
EC50 (Skeletonema costatum): 0,0013 mg/l (ISO 10253, literature)
EC50 (activated sludge 3 h): 2,8 mg/l (OECD 209)
EC20 (activated sludge, 3 h): 1,34 mg/l (OECD 209)
NOEC (Brachydanio rerio, 28 nap): 0,00125 mg/l (OECD 215)
NOEC (Daphnia magna, 21 nap): 0,0022 mg/l (OECD 211)
NOEC (Pseudokirchneriella subcapitata, 72 h): 0,0149 mg/l (OECD 201)
NOEC (Skeletonema costatum, 96 h): 0,00046 mg/l (OECD 201, literature)

12.2 Persistence and degradability**Biodegradability**

No relevant information available.

Components:**Zinc pyrrhione**

Readily biodegradable 0.5 days (aquatic sediment system simulation biodegradation).

diethylene glycol monobutyl ether:

Readily biodegradable (according to OECD criteria).

Elimination information:

80 - 90 % BOD of the ThOD (28 d) (OECD 301C; ISO 9408; 92/69/EEC, C.4-F) (aerobic, Inoculum conforming to MITI requirements (OECD 301C))

12.3 Bioaccumulative potential**Components:**

Zinc pyrrhione in living body is not enriched up log Ko / v: 1.21 (shaking funnel method)

diethylene glycol monobutyl ether:

Significant accumulation in organisms is not to be expected.

12.4 Mobility in soil

The product is water-soluble

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.

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.

Restrictions according to REACH Annex XVII

2-(2-butoxyethoxy)ethanol (DEGBE) CAS No.: 112-34-5 > 3% "Do not use in paint spraying equipment". (does not apply to the product)

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

LIST OF RELEVANT H-PHRASES IN SECTION 3

H-Phrases

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic 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.

H331 Toxic 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

EUH208 Contains (name of sensitising substance). May produce an allergic reaction.

Data Sources:

The previously-classified hazardous materials list

Internet database of chemical substances

Safety data sheets of components

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

Abbreviations:

Acute Tox. Acute Toxicity

Skin Corr. Skin Corrosion

Skin Irrit, Skin Irritation

Skin Sens. Skin Sensitaton

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 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.