



According to EU regulation 1907/2006 (REACH)

## Material Safety Data Sheet

SDS date: 01-02-2017

SDS version: 1.1

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

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#### 1.1. Product Identifier

**Trade Name:** Plus Color.

Product- no.: -

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

Recommended uses: Acrylic colour.

#### 1.3. Details of the supplier of the safety data sheet

##### Company and address

Creotime.com

Rasmus Færchs Vej 23

7500 Holstebro

Denmark

Tlf.: +45 96 13 30 10

##### Contact person and E-mail:

Henriette Juhl Jensen, [info@creotime.com](mailto:info@creotime.com)

##### The Safety data sheet is completed and validated by:

mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: KN

#### 1.4. Emergency telephone number

Use your national or local emergency number - See section 4 "First aid measures".



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## SECTION 2: Hazards identification

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### 2.1. Classification of the substance or mixture

The product is not subject to labelling under CLP Regulation No. 1272/2008.

### 2.2. Label elements

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#### Signal word:

-

### 2.3. Other hazards

-

#### Additional labelling:

This product complies with the requirements of the standard set out by The Danish Joint Council of Creative & Hobby Materials (Fællesrådet for Formnings- og Hobbymaterialer), version 10 of 1 november 2015, on creative and occupational materials.

#### Additional warnings:

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## SECTION 3: Composition/information on ingredients

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### 3.1./3.2. Substances/Mixtures

Substance	EU-Index no.	Cas / EINECS no.	DSD classification/CLP-classification	w/w%	Note
Zinc pyrithione	-	13463-41-7 /236-671-3	Acute Tox. 3;H301+H331, Eye Dam. 1;H318, Aquatic Acute 1;H400, Aquatic Chronic 1;H410, M=100 (Aquatic Acute), M=10 (Aquatic Chronic)	0,001-0,005	-

For the wording of the listed risk phrases refer to section 16.

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## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

Inhalation: Not relevant.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.

Skin contact: Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

Eye contact: Flush with water (preferably using eye wash equipment) until irritation subsides. Remove contact lenses. Seek medical advice if symptoms persist.

Additional information: When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.



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#### **4.2. Most important symptoms and effects, both acute and delayed**

May cause slight irritation to the skin and eyes.

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

When obtaining medical advice, show the safety data sheet or label.

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### **SECTION 5: Firefighting measures**

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#### **5.1. Extinguishing media**

Surrounding fire: Extinguish with powder, foam or carbon dioxide. Do not use water stream, as it may spread the fire.

#### **5.2. Special hazards arising from the substance or mixture**

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

#### **5.3. Advice for firefighters**

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air.

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### **SECTION 6: Accidental release measures**

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#### **6.1. Personal precautions, protective equipment and emergency procedures**

No special requirements.

#### **6.2. Environmental precautions**

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

#### **6.3. Methods and material for containment and cleaning up**

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal.

#### **6.4. Reference to other sections**

See above.

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### **SECTION 7: Handling and storage**

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#### **7.1. Precautions for safe handling**

Wash hands before breaks, before using restroom facilities, and at the end of the work.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Keep in tightly closed original packaging.

#### **7.3. Specific end use(s)**

See section 1.

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### **SECTION 8: Exposure controls/personal protection**

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#### **8.1. Control parameters**

Occupational exposure limits according to EH40/2005 Workplace exposure limits (Second edition, 2011): -

##### **DNEL and PNEC values:**

Zinc pyrithione - DNEL:

Dermal	Long Term	Systemic effects	Workers	0.01 mg/kg bw/day
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Zinc pyrithione - PNEC:

Water	Fresh	90 ng/L
Water	Marine	90 ng/L



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## 8.2. Exposure controls

There are no exposure scenarios for this product.

### Appropriate engineering controls:

Wash hands before breaks, before using restroom facilities, and at the end of the work.

### Personal protective equipment:

Breathing equipment:	Not required.
Hand protection:	Not required.
Eye protection:	Not required.
Body and skin protection:	Not required.

### Environmental exposure controls:

Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance:	Multiple colours liquid
Odour:	-
Odour threshold:	-
pH:	7-9
Melting point/ Freezing Point (°C):	-
Initial boiling point and boiling range (°C):	>100
Flash point (°C):	-
Evaporation rate:	-
Flammability (solid, gas)	-
Upper / lower flammability or explosion limits (vol-%):	-
Vapour pressure (hPa):	-
Vapour density (air=1)	-
Relative density (g/ml):	-
Solubility(ies):	-
Partition coefficient: n-octanol/water:	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
Viscosity (Ps):	-
Explosive properties:	-
Oxidising properties:	-

### 9.2. Other information

Content of solids (%):	-
Surface tension (mN/m, 25 °C):	-



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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

Non-reactive.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid heating.

### 10.5. Incompatible materials

Avoid contact with strong oxidising agents.

### 10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and toxic gases such as CO<sub>x</sub> may be released.

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

Substance	Route of exposure	Species	Test	Result
Zinc pyrithione	Oral	Rat	LD50	221 mg/kg bw
Zinc pyrithione	Inhalation	Rat	LC50 / 4 h	0.84 mg/L air
Zinc pyrithione	Dermal	Rat	LD50	> 2 000 mg/kg bw

Symptoms:

**Inhalation:** The product does not release hazardous vapours.

**Ingestion:** Ingestion may cause nausea, discomfort and possibly vomiting.

**Skin contact:** May irritate the skin – may cause reddening.

**Eye contact:** May cause eye irritation.

**Long term effects:**

None known.

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## SECTION 12: Ecological information

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### 12.1. Toxicity

Substance	Test duration	Species	Test	Result
Zinc pyrithione	Oral	Rat	LD50	221 mg/kg bw
Zinc pyrithione	Inhalation	Rat	LC50 / 4 h	0.84 mg/L air
Zinc pyrithione	Dermal	Rat	LD50	> 2 000 mg/kg bw

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Zinc pyrithione	No	OECD 301 B	39% 28 d



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### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Zinc pyrithione	No	0,9	-

### 12.4. Mobility in soil

-

### 12.5. Results of PBT and vPvB assessment

The mixture does not meet the criteria for PBT or vPvB.

### 12.6. Other adverse effects

None.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Contact the local authorities.

#### EWC Code

20 01 28

#### Specific labelling

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#### Contaminated packaging:

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

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## SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

### 14.1 -14.4.

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### 14.5. Environmental hazards

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### 14.6. Special precautions for user

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

Not relevant.

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## SECTION 15: Regulatory information

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

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#### Restrictions for application:

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#### Demands for specific education:

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#### Additional labelling:

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### 15.2. Chemical safety assessment

Chemical safety assessment has not been performed.



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## SECTION 16: Other information

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### Other information:

This product complies with the requirements of the standard set out by The Danish Joint Council of Creative & Hobby Materials (Fællesrådet for Formnings- og Hobbymaterialer), version 10 of 1 november 2015, on creative and occupational materials.

### Sources:

EC regulation 1907/2006 (REACH).

Directive 2000/532/EC.

EC Regulation 1272/2008 (CLP).

EH40/2005 WELs (United Kingdom (UK), 8/2007).

### Full text of H-phrases as mentioned in section 2+3:

H301 - Toxic if swallowed.

H318 - Causes serious eye damage.

H331 - Toxic if inhaled.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

### Other

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### Minor changes have been made in following sections:

1-16 – Update.

### This material safety data sheet replaces version:

1.1 (13-02-2015).

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