

MATERIAL SAFETY DATA SHEET FOR A MIXTURE  
**UNIEPAL DREW AQUA KOLOR**

[Drawn up in accordance with Commission Regulation 1907/2006/EC (REACH) and 830/2015]

Written on: 1.10.2010

Edition: 4

UPDATED ON: 01.06.2015

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

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### **1.1 Product identifier:**

Trade name: **UNIEPAL DREW AQUA KOLOR**

Substances which affected this classification: None

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

*Identified use:* water-diluted impregnant used to create a fire-resistant and decorative finishing coat on construction elements made of wood, OSBs and wood derivatives, used in residential and public interiors and on building exteriors.

*Use advised against:* None determined.

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

Przedsiębiorstwo Produkcyjno-Handlowe "ADW" Sp. z o.o.

43-175 Wiry, ul. Zbożowa 2

Tel. 32 / 218 71 85

Fax: 32 323 00 85

Website: [www.adw.com.pl](http://www.adw.com.pl)

E-mail address: [adw@adw.com.pl](mailto:adw@adw.com.pl)

### **1.4. Emergency telephone number:**

Tel. 32 / 218 71 85

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## **SECTION 2: Identification of hazards:**

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### **2.1 Classification of the mixture:**

*Human hazards:* no human hazard present if general OHS principles are observed.

*Environmental hazards:* The product is not classified as posing a hazard for the environment.

*Hazards stemming from physical and chemical properties:* none known

### **2.2 Labeling elements:**

*Hazard pictograms and warning label*

None.

*Product identifier*

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None.

Hazard type designation

None.

Hazard type designations (EU)

*EUH 208- Contains Benzisothiazolinone. May produce an allergic reaction.*

*Contains a reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3 [CE no. 247-500-7] and 2-methyl-2H-isothiazol-3 [CE no. 220-239-6] (3: 1). May produce an allergic reaction.*

Precautionary statements

P102 Keep out of the reach of children. P280 Wear protective gloves.

**2.3 Other hazards:**

No data available

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**SECTION 3: Composition / information on ingredients:**

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**3.1 Substances:**

Not applicable

**3.2 Mixtures:**

**Ingredients:** water-based polymer dispersion on the basis of acrylic and methacrylic ester, with the addition of flame-retardant solutions, pigments and auxiliary solutions.

CAS: 220-120-9 EINECS: - Index number: 613-088-006 Proper registration number:	Benzisothiazolinone Acute Tox. 4; H302 Aquatic Acute 1; H400 Eye Dam. 1; H318 Skin	< 0.05%
	Irrit. 2; H315 Skin Sens. 1; H317	
CAS 55965-84-9 EINECS: - Index number: 613-167-00-5 Proper registration number:	Reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3 [CE no. 247-500-7] and 2-methyl-2H-isothiazol-3 [CE no. 220-239-6] (3: 1).	< 0.0015%
	Acute Tox.3 H331, H311,H301, Skin Corr.1B H314, Aquatic Acute 1 H400, Aquatic Chronic 1 H410	

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## **SECTION 4: First aid measures:**

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### **4.1 Description of first aid measures:**

#### **Inhalation**

Not harmful. If necessary, provide fresh air.

#### **Ingestion**

Medical consultation.

#### **Eye contamination**

Wash abundantly with fresh water and provide medical consultation with an oculist.

#### **Skin contamination**

Remove contaminated clothing immediately and wash the contaminated skin abundantly with water, and then with soap and water.

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

No data available

### **4.3 Indication of any immediate medical attention and special treatment required for the injured:**

No data available

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

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The product is non-flammable. Long-term exposure to high temperatures can lead to the evaporation of the water dispersion in the product.

### **5.1 Extinguishing media:**

*Suitable extinguishing media:* all available media (water, dispersed currents, foam, powder, CO<sub>2</sub>, sand).

*Unsuitable extinguishing media:* water jets, causing the burning substance to splash.

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

not applicable

### **5.3 Advice for fire-fighters:**

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Use appropriate personal protective equipment typical in the event of a fire.

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**SECTION 6: Accidental release measures:**

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**6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid contact with the released product.

**6.2 Environmental precautions:**

Does not create a toxicological hazard, but a major spill should be secured against reaching sewage or ground waters.

**6.3 Methods and material for containment and cleaning-up:**

In the event of a leak - eliminate the source (close the leak, place the damaged packaging in a sealed container). With major leaks, embank the substance accumulation site and pump out the liquid collected. Cover small spills with absorbent material, such as diatomaceous earth, carefully collect and dispose of safely in a landfill.

**6.4 Reference to other sections:**

None

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**SECTION 7: Handling and storage:**

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**7.1 Precautions for safe handling:**

During use and storage, observe effective occupational health and safety regulations applicable to the handling of chemicals. Avoid skin and eye contamination. Using the product, observe personal hygiene rules and use protective clothing. Do not drink or eat in the workplace.

**7.2 Conditions for safe storage, including any incompatibilities:**

Store in original, properly labeled, sealed containers, at 5 - 30°C. Protect from direct sunlight and heat sources. Keep away from children.

**7.3 Specific end use(s):**

None

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

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### **8.1 Control parameters:**

No special requirements.

TLV, STEL, MAC - not determined

Use the procedures for monitoring concentrations of hazardous materials in the air and procedures for the control of air cleanliness in the working environment - where available and reasonable - in accordance with relevant Polish or European standards taking into account the conditions at the site of exposure and the appropriate measurement methods adapted to the working conditions. The type, nature, and frequency of measurements and tests shall comply with the requirements contained in Ordinance of the Minister of Health of 2 February 2011 (Journal of Laws No. 33, item 166).

### **8.2 Exposure control:**

*Personal protection:*

Respiratory tract:	not required
Eye protection:	protective glasses - use when splashing is possible.
Hand protection:	protective gloves
Skin protection:	protective clothes

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## **SECTION 9: Physical and chemical properties:**

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### **9.1 Information on basic physical and chemical properties:**

Solubility in water:	soluble
a) Appearance:	liquid
b) Odor:	characteristic for a dispersion
c) Odor threshold:	no data available
d) pH:	7.5 - 9.5
e) Melting/solidification point:	Approx. 0°C
f) Initial boiling point and boiling range:	No data available
g) Flash point:	Approx. 100°C
h) Evaporation rate:	No data available
i) Flammability:	No data available
j) Upper/lower explosive limit:	No data available
k) Vapor pressure:	No data available
l) Vapor density:	No data available
m) Relative density (at 20°C):	Approx. 1.015 g/cm <sup>3</sup>
n) Solubility:	solubility in water: soluble in other solvents: insoluble

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|--|-------------------|
| o) Partition coefficient: n-octanol/water: | no data available |
| p) Autoignition temperature:               | no data available |
| q) Decomposition temperature:              | no data available |
| r) Viscosity (25°C):                       | no data available |
| s) Explosive properties:                   | no data available |
| t) Oxidizing properties:                   | no data available |

## **9.2 Other Information:**

None

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## **SECTION 10: Stability and reactivity:**

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### **10.1 Reactivity:**

No data available

### **10.2 Chemical stability:**

The product is stable when the conditions specified by the manufacturer are observed. Does not change its consistency.

### **10.3 Possibility of hazardous reactions:**

Not applicable.

### **10.4 Conditions to avoid:**

Temperatures exceeding 5-30°C.

### **10.5 Incompatible materials:**

None

### **10.6 Hazardous decomposition products:**

None known.

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## **SECTION 11: Toxicological information:**

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### **11.1 Information on toxicological effects:**

The product does not create a toxicological hazard.

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No reports of poisoning caused by products of this type.

May cause a stomach disorder when swallowed. Direct contact with skin may cause slight irritation.

Eye contamination may cause irritation.

**Doses and toxicological concentrations:**

No data available.

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**SECTION 12: Ecological information:**

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**12.1 Toxicity:**

See Section 11.

**12.2 Persistence and degradability:**

See Section 10.

**12.3 Bioaccumulative potential:**

None known.

**12.4 Mobility in soil:**

Do not empty into drains and sewage. The product dissolves in water. When released to waterways in large amounts, the product can cause the probability of long-term threat to aquatic organisms.

**12.5 Results of PBT and vPvB assessment:**

No data available

**12.6 Other harmful effects:**

None

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**SECTION 13: Waste disposal considerations:**

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**Waste classification** (*according to the ordinance of the Minister of Environment Protection, Journal of Laws no. 12, item 1206 of 2001*)

Identification code: 08 01 20 aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

**13.1 Waste treatment methods:**

**Product handling**

Do not store on municipal landfills. Consider reusing the product.

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Recycling or neutralizing waste product should be carried out in accordance with applicable regulations, in installations and devices fulfilling specific requirements. (The Waste Act of 14 December 2012 (Journal of Laws of 2013 item 21))

**Disposal of packaging**

Recycle or neutralize clean packaging waste.

Packaging waste code: 15 01 02

Do not use returnable packaging.

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**SECTION 14: Transport information:**

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**14.1 UN number:**

Not applicable. The product is not classified as dangerous during transport.

**14.2 UN proper shipping name:**

Not applicable. The product is not classified as dangerous during transport.

**14.3 Transport hazard class:**

Not applicable. The product is not classified as dangerous during transport.

**14.4 Packing group:**

Not applicable. The product is not classified as dangerous during transport.

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for users:**

Not required.

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

Not applicable.



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## **SECTION 15: Regulatory information:**

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

Act of 25 May 2011 on chemical substances and their mixtures (Journal of Laws No. 63, item 322, as amended).

Regulation of the Minister of Labor and Social Policy of 6 June 2014 on the maximum permissible concentration and intensity of harmful agents in the workplace (Journal of Laws No 2014, item 817).

The Waste Act of 14 December 2012. (Journal of Laws of 2103, item 21).

Act of 27 May 2001 on packaging and packaging waste (Journal of Laws 2103, item 888).

Ordinance of the Minister of the Environment of 9 September 2014 on the waste catalog (Journal of Laws of 2013, item 1923).

Ordinance of the Minister of the Economy of 21 December 2005 on the basic requirements for personal protective equipment (Journal of Laws, No. 259, item 2173).

Ordinance of the Minister of Health of 2 February 2011 on tests and measurements of factors detrimental to health in the work environment (Journal of Laws, No. 33, item 166).

European ADR agreement concerning the international road transport of hazardous goods.

Regulation (EC) **1907/2006/WE** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC with further amendments.

Regulation (EC) No **1272/2008** of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Commission Regulation (EU) **830/2015** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Directive **2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

European Parliament and Council Directive **94/62/EC** of 20 December 1994 on packaging and packaging waste.

### ***15.2 Chemical safety assessment***

Chemical safety assessment is not required for the mixture.

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## **SECTION 16: Other Information:**

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Information included in this Material Safety Data Sheet concerns the subject product only and must not be transferred onto products with similar ingredients and recipes. The Material Safety Data Sheet was written according to our current knowledge, considering effective regulations. The data included in the Material Safety Data Sheet should be understood as a description of safety requirements for the product. They are not to be construed as a product performance guarantee.

The user bears full liability for the improper use of the information included in the data sheet, or for the misapplication of the product.

Acute Tox.3 H301 Toxic if swallowed  
Acute Tox. 4; H302 - Harmful if swallowed.  
Acute Tox.3 H311 Toxic in contact with skin  
Skin Corr.1B H314 - Causes severe skin burns and eye damage  
Skin Irrit. 2; H315 - Causes skin irritation  
Skin Sens. 1; H317 - May cause an allergic skin reaction  
Eye Dam. 1; H318 – Causes serious eye damage.  
Acute Tox.3 H331 Toxic if inhaled.  
Aquatic Acute 1; H400 Very toxic to aquatic life.  
Aquatic Chronic 1 H410 - Very toxic to aquatic life with long lasting effects.

TLV	Threshold Limit Value
STEL	Short-term exposure limit
EL	Excursion Limit
ACBM	Admissible concentration in biological material
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative

### Training

Before starting any works involving the product, the user should familiarize OHS principles for handling chemicals, and should particularly complete a suitable occupational training.

### Additional information

The classification was made on the basis of the physical and chemical properties of the mixture and the contents of hazardous ingredients, applying the calculation method specified in regulation no. 1272/2008/EC (CLP).

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