



SAFETY DATA SHEET

Date of issue: 15.6.2007

Revision date:

Product name: **Water colours**

FA171506

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance or preparation

Name: **Water colours (+ colour shade)**
Colour shades: white, burnt sienna, cobalt blue, vermilion light, vermilion dark, grey, black, lemon yellow, ultramarine dark, ochre light, ochre gold, green light, green dark, green meadow, yellow dark, orange, carmine light, carmine middle, ultramarine light, paris blue, olive green, natural umbra, burnt umbra, pozzuoli

Addition of colour shades does not significantly affect the product classification and character

1.2 Use of the substance or preparation

Specified or recommended use of substance (preparation): Water colours are intended for painting and drawing with the brush wetted in water, on paper, carton, wood, eventually other absorbent materials. They are intended for use by children above 3 years of age as art education facilitation.

Substance or preparation function description: for painting on paper, carton, wood, eventually other absorbent materials

1.3 Company/undertaking identification

Name or trade name: **KOH-I-NOOR HARDTMUTH a. s.**
České Budějovice
Place of business or registered office: **Závod 1, 298 03 Městec Králové**
Company ID: 26055996
Telephone: +420325643241-2
Fax: +4203254643247

Competent person responsible for the Safety Data Sheet: Ing. Hana Krejsová, hana.krejsova@vuos.cz

1.4 Emergency telephone

Emergency telephone number: Toxicological Information Centre, Na Bojišti 1, Praha
nonstop +420-224919293
+420-224915402

2. HAZARDS IDENTIFICATION

General material classification:
The preparation is **not classified** as dangerous.

Dangerous health and environmental effects:
no dangerous health and environmental effects are known

Health effects:

Inhalation:
Skin contact:
Eye contact:
Ingestion:
Other data:

Environmental effects:

no harmful effects for aquatic organism are known

Other hazards:



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3. COMPOSITION/INFORMATION ON INGREDIENTS

General description:

Chemical name	CAS number	ES number (EINECS)	Contents in (%)	Warning symbol	R-clause(s)
Contains no dangerous substances					

For full wording of R-Clauses see Article 16

4. FIRST AID MEASURES

General instructions:	In the case of health problems seek medical advice.
Inhalation:	In the inspiration small parts seek medical advice.
Skin contact:	Rinse the affected area with enough water, attend with suitable cream. In the case erythema occurs contact your doctor.
Eye contact:	Rinse eyes with enough water (app. 15 min.), open your eyelids with your fingers. In the case of any inconvenience see your doctor. Check if affected have contact lenses and take them off immediately.
Ingestion:	Rinse your mouth with pure water. Drink 2-3 glasses of water. Do not provoke vomiting, seek for medical assistance immediately.
Additional information:	

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	adapt to materials burning in the surroundings
Unsuitable extinguishing media:	adapt to materials burning in the surroundings
Special risk:	toxic gases and vapours may be generated during fire
Special protective equipment for fire-fighters:	protective equipment for fire-fighters, insulating respirator
Additional information:	

6. ACCIDENTAL RELEASE MEASURES

Personal protection measures:	Use recommended protective equipment (Article 8). Observe common work and hygienic regulations.
Environmental protection measures:	Prevent the leakage. Prevent contamination of the environment, spillage into surface water and sewerage system. In case of leakage inform the appurtenant authorities.
Recommended decontamination and disposal methods:	Collect the material to a suitable waste container and dispose in accordance with the waste regulations.
Additional information:	not specified

7. HANDLING AND STORAGE

7.1 Handling	
Preventive measures for safe handling with the substance / preparation:	Use protective equipment. Secure sufficient ventilation. After work completion, before eating, drinking and smoking wash your hands with water and soap.
Preventive measures for the environmental protection:	



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7.2 Storage	
Instructions for safe storage:	Store in cool and dry place (5-25°C). Ensure good ventilation. Store in original, well closed vessels. Not expose to solar and heating radiation, high humidity. Quantity limits for the given storekeeping conditions: unlimited. Specific use for the final products: information not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values:

Local ventilation or other technical measure to maintain the amount in air below exposure limits.
Wash your hands before breaks and after work, do not eat, drink or smoke during work.

Exposure limits according to Government Decree No. 178/2001 Coll.:

Name of the substance (ingredient):	CAS	PEL mg/m ³	NPK-P mg/m ³	Remarks

Limit values of biologic tests indicators (432/2003 Coll., Enclosure 2): not mentioned

Foreign exposure limits:

Recommended monitoring procedure:

8.2 Exposure controls:

8.2.1 Occupational exposure controls: use of prescribed protective equipment
General keep separately from food and drinks

Type of protection equipment:

Respiratory protection: not required

Eye protection: not required

Hand protection: not required

Skin protection: suitable work clothes

Additional information: after work thoroughly wash your hand with water and soap

8.2.2 Environmental exposure controls: Prevent leakage to environment, water and sewerage.

Legal regulations:

Act No. 254/2001 Coll., on waters, as amended

Act No. 86/2002 Sb., on air protection, as amended

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information:

State (at 20°C):	solid
Colour:	depends on shade
Smell (odour):	
Smell threshold value:	data not available

9.2 Important health, safe and environmental information:

pH value (at 20°C):	
Thaw/freezing point (temp. range) (°C):	
Boiling point (temperature range) (°C):	
Flash point (°C):	
Flammability:	
Ignition point (°C):	
Explosive properties:	
Explosiveness limits: upper limit (% by volume):	
lower limit (% by volume):	
Oxidizing properties:	data not available
Vapour tension (at 20°C):	
Density (at 20°C):	



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Solubility (at 20°C):	
in water:	
in oils (including oil specification):	data not available
in solvents:	data not available
Distribution coefficient n-octanol/water:	
Viscosity (dynamic) (at 20°C):	
Vapour tension:	data not available
9.3 Additional information:	

10. STABILITY AND REACTIVITY

Conditions of stability of the product:	Stable at prescribed storage, handling and use.
Conditions that must be avoided:	Not expose to solar and heating radiation, high humidity.
Materials that can not be used:	
Dangerous dissociation products:	none under common use
Additional information:	

11. TOXICOLOGICAL INFORMATION

Description of exposition symptoms:

Inhalation:

Skin contact:

Eye contacts:

Ingestion:

Additional information:

Harmful effects on health:

Acute toxicity:

Name	Test type	Result	Exposition way	Testing organism

Impact of long-term and prolonged exposition:

Sensibilization: The substance does not cause sensibilization in contact with skin.

Carcinogenity: Carcinogenic effects were not demonstrate.

Mutagenity: The substance does not have mutagenic effects.

Toxicity for reproduction: The substance does not have toxic effect for reproduction.

Additional information:

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Name of the substance	Testing organism	Length of the test	Result

Possible impact on sewerage plants: under correct using is not expexted function deterioration of sewage treatment plant

Persistence and dissolubility:

Dissolubility:

Mobility:

Distribution into environmental components:

Surface tension: data not available

Absorption or desorption: data not available

Bio-accumulative potential: data not available

Additional information:

Water risk class (WGK):



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13. DISPOSAL CONSIDERATIONS
<p>Possible risks during disposal of the substance or preparation: In accordance with the Waste Catalogue this material is classified as other waste (not dangerous).</p> <p>Suitable methods for elimination of the substance or preparation and polluted package: The waste liquidate in accordance with the Waste Regulation.</p> <p>Recommended disposal of the contaminated package: Dispose of the unemptied package as of the product.</p> <p>Legal regulations on waste: Act No. 185/2001 Coll., on waste, as amended. Act No. 477/2001 Coll., on wrapping, as amended.</p>

14. TRANSPORT INFORMATION				
not classified as dangerous product for transport				
	<i>Land transport ADR</i>	<i>Railway transport RID</i>	<i>Shipping IMDG:</i>	<i>Air transport ICAO/IATA:</i>
UN Number:				
Class:				
Classification:				
Package group:				
Warning board:				
Safety sign:				
Remarks:			Sea-polluting substance: no EmS.:	PAO: CAO:
Additional information:				

15. REGULATORY INFORMATION														
<p>Information shown on the package: In the sense of Act No. 356/2003 Coll., in valid wording and Public Notice No. 232/2004 Coll., in valid wording.</p>														
<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Name:</td> <td style="text-align: center;">Water colours</td> </tr> <tr> <td>General classification of the substance/preparation:</td> <td style="text-align: center;">not classified as dangerous</td> </tr> <tr> <td>Letter symbol of hazardousness:</td> <td></td> </tr> <tr> <td>Graphical symbol of hazardousness:</td> <td></td> </tr> <tr> <td>R-Clauses</td> <td></td> </tr> <tr> <td>S-Clauses</td> <td></td> </tr> <tr> <td>Manufacturer's address:</td> <td>KOH-I-NOOR HARDTMUTH a. s., České Budějovice Závod 1, 298 03 Městec Králové Tel: +420325643241-2</td> </tr> </table>	Name:	Water colours	General classification of the substance/preparation:	not classified as dangerous	Letter symbol of hazardousness:		Graphical symbol of hazardousness:		R-Clauses		S-Clauses		Manufacturer's address:	KOH-I-NOOR HARDTMUTH a. s., České Budějovice Závod 1, 298 03 Městec Králové Tel: +420325643241-2
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Legal Regulations within the Czech Republic

Act No. 356/2003 Coll., on chemical substances and preparations and on change of some acts, as amended.

Implementing regulations to this act:

Act No. 102/2001 Coll., on products safety, as amended.

Act No. 185/2001 Coll., on wastes, as amended.

Act No. 258/2000 Coll., on public health protection.

16. OTHER INFORMATION

List of R-Clauses used in this sheet:

Instructions for training:

Training of work safety concerning handling with chemical substances.

Recommended use limitations:

Information source:

Information included in this record are based on our best knowledge. All preparations may bear unknown hazard and they should be used with safety. Although some hazard is describe in this record, we can not guarantee it is the only existing.

Executed Safety Record:

In accordance with Regulation (ES) 1907/2006 (REACH)

Information source:

Specialised databases and regulations associated with chemical legislation.
Safety records available from international manufacturers.

Record revisions: