

824280

## FAX MESSAGE

**Steadtler (UK) Ltd.**  
**Pontyclun,**  
**Mid Glamorgan.**  
**CF72 8YJ.**

**Tel : (01443) 237421 Ext. 5150**  
**Fax : (01443) 237440**

Date : 15<sup>TH</sup> January 1999  
From : Gerrard Thomas  
Ref : 9902  
Page 1 of : 3

To : Hampshire County Council - County Supplies  
F.A.O : Cheryl Parry

Subject : Material Safety Data Sheets

According to the European regulations concerning hazardous substances and preparations, it is recommended that Safety Data sheets are not issued for stationery items such as pencils, pens and markers as these items are classed as articles rather than containers of substances.

Where appropriate, we will issue Safety Data sheets for a small number of bottled inks, and we will provide information relevant to other writing products in the form of product circulars.

If you have any further questions, please don't hesitate to contact me.

Best regards,



Gerrard Thomas  
Assistant Chemist


**STAEDTLER**

Moosäckerstraße 3 • D-90427 Nürnberg • Telefon (0911) 9365-0 • Telefax (0911) 9365 400

**PRODUCT  
SPECIAL**

# INFORMATION SHEET

**KARAT**

Watercoloring Pencils - Crayons - Liquid Wax



CAT NO: 824280

The EC safety data sheet is necessary only for dangerous substances and preparations subject to the relating EC directives and will be provided to you, where applicable.  
 For KARAT AQUARELL products safety data sheets are not necessary, because these products are not regarded as dangerous substances or preparations as of the relating EC directives.  
 EC safety data sheets for KARAT LIQUA will be provided to commercial buyers where applicable.

STAEDTLER always considers the relevant national and international regulations regarding consumer protection during the selection of the raw materials and in their manufacture. In addition, and this is of major importance, we pursue developments in the chemical and technical fields to offer our customers safe products that point the way ahead.  
 Since middle of 1996 STAEDTLER is certified according to ISO 9001. All processes are subject to regular controls. Thus, a constant good quality is ensured.

The painting instruments with the **CE** symbol correspond to the safety requirements of the toy regulation „COUNCIL DIRECTIVE (88/378/EEC) concerning the safety of toys“ and thus to the European Standard EN 71. This standard restricts for example unavoidable traces of heavy metals.

	KARAT AQUARELL			KARAT LIQUA
	WATERCOLOR PENCILS	WATERCOLOR CRAYONS	FINEST WATER COLORS	LIQUID WAX
Symbols, Standards	<b>CE</b> , EN 71	<b>CE</b> , EN 71	<b>CE</b> , EN 71	<b>CE</b> , EN 71
	timber from controlled reforestation			water
Coloring Agents	color pigments *	color pigments *	special color pigments *	color pigments *
Binding Agents	on cellulose basis		natural organic binding agent	on cellulose basis
Filling Agents	natural materials as for example talcum and kaolin	natural material kaolin	anorganic, not opaque filling agents	no
Other Additives	wax mixture containing natural and synthetic waxes emulsifying agents	wax mixture containing natural and synthetic waxes emulsifying agents	emulsifying agents	beeswax, conserving agents approved for cosmetics
Packaging	metal box / insert PS	perforated paper metal box / insert PS	plastic pot PS plastic tray PS paint box PS cardboard box	glass tubs with PP lid PE bottles cardboard / insert PS

\* Coloring Agents: Staedtler uses no heavy metal pigments, trace quantities of heavy metals which occur naturally in organic pigments fall below the tolerances of the EC Standard EN 71/3 (safety of toys).

PP = Polypropylene, PE = Polyethylene, PS = Polystyrene

Staedtler does not use coloring agents on the basis of cadmium and lead for coloring of plastics.

## L I G H T F A S T N E S S

STAEDTLER STANDARD, according to DIN 54001 (level 1 - max. 5):

KARAT LIQUA, KARAT AQUARELL - FINEST WATER COLORS + CRAYONS: 5

KARAT AQUARELL PENCILS: 3-5

KARAT products are subject to a comprehensive quality inspection and are not harmful if used in the proper manner.

The information contained herein is based on the present state of our knowledge and does not express warranty. The suitability of our products for any application intended by the user, has to be checked at the user's own risk.

01.98



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**PRODUCT  
SPECIAL**

# INFORMATION SHEET

## FIBER-TIPPED PENS

separate Information Sheet for Lumocolor

The EC safety data sheet is necessary for all substances and preparations subject to the Ordinance on Dangerous Materials and will be provided to you, where applicable.  
For STAEDTLER fiber-tipped pens a safety data sheet is not necessary because these products do not contain dangerous substances or preparations as of the Ordinance on Dangerous Materials.

STAEDTLER always considers the relevant national and international regulations regarding consumer protection during the selection of the materials and in their manufacture. In addition, and this is of major importance, we pursue developments in the chemical and technical fields to offer our customers safe products that point the way ahead.  
Since middle of 1996 STAEDTLER is certified according to ISO 9001. All processes are subject to regular controls. Thus, a constant good quality is ensured.

### STAEDTLER MODELS for example

HOUSING	INKS	
<p>plastics for barrel and protector cap:</p> <p>polypropylene PP, polyethylene PE</p> <p>The plastics which are used, are split up into natural components like water and carbon dioxide during thermal disposal. A great amount of energy can be recovered.</p> <p>STAEDTLER does not use coloring agents on the basis of cadmium or lead for the coloring of plastics.</p>	<p>solvents</p> <p>Fiber-tipped pens with <b>CE</b> symbol water</p> <p>Fiber-tipped pens for paper water separate Information Sheet for Rollerballs</p> <p>Special fiber-tipped pens permanent <b>PANCOLOR</b> alcohol (ethylalcohol) black: alcohol+glycoether</p>	<p>coloring agents</p> <p>STAEDTLER does not use coloring agents on the basis of cadmium or lead.</p> <p>Coloring agents and pigments are selected according to the latest developments in science.</p> <p>STAEDTLER fiber tipped pens art. 326, 327 KC, 338 contain food stuff colours. STAEDTLER Food stuff coloring agents are natural and synthetic colors, which the legislator permits for the coloring of food stuffs, semi-luxuries, pharmaceuticals and cosmetics. These pencils are not intended for coloring food stuffs.</p>

### STANDARDS

Fiber-tipped pens with **CE** symbol - European Standard EN 71

The painting instruments with the **CE** symbol meet the requirements of the EN 71. This standard restricts for example unavoidable traces of heavy metals.

STAEDTLER fiber-tipped pens meet the requirements of the ISO 11540 and are equipped with a ventilated protector cap. This standard regulates the danger of asphyxiation, particularly in the case of children, if caps are accidentally swallowed.

Exception *Calligraph duo*: Special pens which are not intended for child use.

### DISPOSAL

Because of the different parts and their composition these pens shall be disposed of with the household waste. Protector cap and refill units made of plastic shall be disposed of separately.

STAEDTLER fiber-tipped pens are subject to a comprehensive quality inspection and are not harmful if used in the proper manner.