

# SAFETY DATA SHEET



Article No.  
**364**

Prepared: 09/29/03

Revised:

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Page 1 of 2

## 1. Identification of product and company

**STAEDTLER *textsurfer*® classic, different colors**

STAEDTLER MARS GmbH & Co. KG  
Postbox 4842 D-90026 Nürnberg, Germany  
Moosackerstraße 3 D-90427 Nürnberg, Germany

For details call: +49-911-9365-731

## 2. Composition/information on ingredients

**General chemical nature:**

Writing instrument; highlighters with waterbased inks

The OSHA Hazard Communication Standard does not apply to the product described in this safety data sheet. The exemption of the standard is contained in 29 CFR 1910.1200 (b)(6). The information in this safety data sheet is not meant to imply that the product is covered by the Hazard Communication Standard, nor it is meant that the safety data sheet complies with all requirements of the Hazard Communication Standard.

## 3. Hazards identification

The article is not hazardous within the meaning of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

## 4. First aid measures

Eye contact: Rinse immediately with plenty of water and seek medical advice precautionary.

Skin contact: Wash with water and soap, do not use solvents.

Ingestion: Flush mouth with water and seek medical advice precautionary.

Inhalation: n.a.

## 5. Fire-fighting measures

Extinguishing media: Dry powder, CO<sub>2</sub>, water spray jet, foam

Hazardous decomposition products: CO, CO<sub>2</sub> in case of fire

## 6. Accidental release measures

Collect and reuse or dispose.

## 7. Handling and storage

No special precautions for storage and handling required

## 8. Exposure controls/personal protection

Eye protection: Not required in normal use.

Hand protection: Not required in normal use.

Respiratory protection: Not required in normal use.

## 9. Physical and chemical properties

Appearance: Manufactured article with specific shape depending on coloration

Color:

Odor:

n.a.

Boiling range:

n.a.

Melting range:

n.a.

Density:

n.a.

Vapour pressure:

n.a.

Viscosity:

n.a.

Solubility in water:

n.a.

pH-value:

n.a.

Flashpoint:

n.a.

## 10. Stability and reactivity

Thermal decomposition:

Not to be expected in the intended use.

Hazardous decomposition products:

CO, CO<sub>2</sub> in case of fire.

Conditions and materials to avoid:

Extreme heat.

SAFETY DATA SHEET

Article No  
364

Page 2 of 2

11. Toxicological information
Effects of toxicological relevance are not to be expected in the intended use.
12. Ecological information
No harmful effects to be expected to the environment in case of intended use and correct disposal.
13. Disposal considerations
If recycling is not possible, waste disposal as household refuse. Observe all state, federal and local regulations.
14. Transport information
Road transport, maritime transport: Not classified as dangerous goods.
15. Regulatory information
This product is a consumer product and an article as well; therefore it is not subject to the OSHA Hazard Communication Standard 29 CFR 1910.1200.
16. Other information
n.a.: not applicable                      n.d.: not determined

*The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties. These products should be stored, handled, and used in conformity with the application they are intended for and in conformity with any legal regulation. The information provided above is for general guidance only without responsibility, liability and warranty on our part and is subject to change without notice.*

# MATERIAL SAFETY DATA SHEET

Company : Staedtler, Inc

Product : 899R-9BK12/899R-ASBK12

PRODUCERS	×	CALLIGRAPHY INK
SUPPLIERS		899R-9BK12/899R-ASBK12
WAREHOUSES		QUICK IDENTIFIER(2)

## SECTION I - GENERAL INFORMATION

MANUFACTURE NAME: STAEDTLER, INC

ADDRESS: 21900 PLUMMER ST.CHATWORTH CA 91311

Date: 5-May-04 Prepared BY STAEDTLER INC.

## SECTION II - HAZARDOUS INGREDIENTS(3) (Specify Components)

CAS-no.	substance	conc. rang%	classification(3)	(EU)
107-21-1	Ethandiol	< 10 %	(Xn, if > 25 %)	
111-46-6	Diethylene Glycol	< 10 %	(Xn, if > 25 %)	

ASTM D-4236 Approved: no

Transport Info : UN-NO. : N/A. Prop. Land-cartridge Name: Dangerous Goods

IMDG-CODE Class: N/A. MEAG: N/A. EMS NO. : N/A.

ICAO/IATA Class: N/A. Packaging Group : N/A.

## SECTION III PHYS / CHEM. CHARACTERISTICS (SPECIFY COMPONENT) /

Appearance: liquid	Odour: typical
Boiling Point (°C) : >75	Density (g/ml) : 0.82- 0.87
Vapour Density (Air = 1) : > 1	Melting Point (°C) :
Solubility in Alcohol : 100 %	Evaporation Rate ( Butylacetate=1 )
Pressurised : yes no	% Volatile (4)

Other Characteristics : polyhydric alcohol, dyestuffs and additives

## SECTION IV - FIRE AND EXPLOSION

Flashp. °C ( Method used): > 100	Explosion Limits (Vol%)	LEL n.a.	UEL n.a.
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Extinguishing Media : N/A.

Special Fire Fighting. Precautions : cool closed containers exposed to fire

With water / do not use waterjet autoignition temperature ( °C ) : N/A.

List of Hazardous Decomp. Products : carbon monoxide and dioxide, smoke, and Oxides of

nitrogen after evaporation of water

Other Advice : none

## SECTION V - STORAGE HAZARDS

Stability : Unstable: Stable: X Conditions to Avoid : avoid heating above 60 °C

Incompatibility (Material to avoid) : concentrated oxidising or reducing agents

Hazardous Decomposition Products : no hazardous decomposition products known

Hazardous Polymerisation May Occur Will Not Occur X

Condition to Avoid: none

## SECTION VI - HEALTH HAZARDS

1. Acute (5) : > 5000 mg/Kg (7) 2. Chronic (5) n. d.

Signs and Symptoms of Overexposure (6) : n. d.

Medical Cond. Generally Aggravated : n. d.

Chem. Listed as Carcinogenes : none of the used chemicals are known to be carcinogenes

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Product: 899R-9BK12/899R-ASBK12

## EMERGENCY AND FIRST AID PROCEDURES

Routes of Entry	First Aid Procedures	Seek Medical Advice
Inhalation	n. a.	
Eyes	Rinse with plenty of clean and fresh water in case of remaining irritation seek for medical advice	X
Skin	Remove moistened clothing, wash with soap and water If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.	X
Ingestion		X

## SECTION VII - SPECIAL PRECAUTIONS

Special Precautions to Taken in handling: keep containers tightly closed

Protect drums from the influence of weather

Other Precautions : product should not get untreated into waters

Steps to be taken in Case Material is Release or Spilled: absorb with appropriate

Liquid binding material and dispose off according to local regulation

Waste Disposal Methods : burn in a licensed incinerator, treat in a biological

Clarification plant: product may not get untreated into waters

## SECTION VIII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: not necessary, good room ventilation is sufficient

Ventilation: Local Exhaust Mechanical: not necessary Other:

Skin and Eye Protection: rubber or plastic gloves, protective glasses

Work/Hygiene Practices: pay attention to the usual rules for handling chemicals

Note: The information given in this MSDS is based on our present state of knowledge and is no assurance of properties of our products. Existing laws and regulations have to be obeyed by the purchase himself. The product shall not be used for purposes other than it is assigned for without the consent of the producer.

## Important

- (1) Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate as follows:  
N/A - not applicable  
n.d. - not determined  
n.n. - not necessary
- (2) Product type and common use (used an label and list).
- (3) Cited in any national regulations an the classification, packing and labelling of dangerous substances, preparations, paints, varnishes, printing inks, and similar product.
- (4) Part of the mixture which evaporates
- (5) LD50 shall be noted if known
- (6) Health hazard by ingestion and inhalation shall be noted if known.
- (7) Calculated from the components
- (8) T - toxic  
Xn - harmful if swallowed  
Xi - irritant  
C - corrosive  
F - flammable