

VON: JOLLY LEOBERSDORF VERK.

AN: 0018602428037

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MSDS(2)
MATERIAL SAFETY DATA SHEET

PRODUCERS
SUPPLIERS
WAREHOUSERS

Revid 12-27-99

**NEW ALVIN PENSTICK
WITH PERMANENT WATERPROOF INK**

Pigmented Fineliner Inks	
Serie 9200	20710-2015
	-2013
	-2017
	-2019
QUICK IDENTIFIER(2)	

* Penstix Pen *

SECTION I - GENERAL INFORMATION

MANUFACTURER NAME: Dokumental GmbH & Co. Schreibfarben

Factory Ludwigshafen Factory Mittenwald
 Woellnerstraße 26, D-67065 Ludwigshafen Innsbrucker Str. 35, Mittenwald

Telephone: 0049-621-5402-322 Telephone: 0049-8823-9202-0
 Telefax: 0049-621-5402-369 (or -394) Telefax: 0049-8823-3820

Date: 25.07.95 Prepared by Windorfer (Factory Mittenwald)

SECTION II - HAZARDOUS INGREDIENTS(3) (Specify components)

CAS-no.	substance	conc. range %	classification(6)(European Union)
NA			

Transport Info: UN-No.: NA Prop. Shipping Name: No Dangerous Goods

IMDG-CODE Class: NA MFAG: NA EMS No.: NA

ICAO/IATA Class: NA Packaging Group: NA

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

Appearance: liquid	Odor: typical
Boiling Point (°C): 100	Density (g/ml): 1,106 - 1,089
Vapor Density (Air = 1): > 1	Melting Point (°C): < 0
Solubility in Water: 100%	Evaporation Rate (Butylacetate= 1) > 1
Pressurized: yes <input type="checkbox"/> no <input checked="" type="checkbox"/>	* Volatile(4) 83 - 85

Other Characteristics: aqueous solution of polyhydric alkohol
 dye stuffs and additives

SECTION IV - FIRE AND EXPLOSION HAZARDS

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

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pigmented fine-line inks Serie 9200

Special Fire Fighting Precautions: cool closed containers exposed to fire with water; do not use waterjet

Autoignition temperature (°C): NA

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: Conditions to Avoid: avoid heating above 60°C

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

Hazardous Decomposition Products: no hazardous decomposition products known

Hazardous Polymerisation May Occur Will Not Occur

Conditions To Avoid: none

SECTION VI - HEALTH HAZARDS

1. Acute⁽⁵⁾: mg/kg (?) 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

Emergency and First Aid Procedures.

Routes of Entry	First Aid Procedures	Seek Medical Advice
Inhalation	n.a.	<input type="checkbox"/>
Eyes	rinse with plenty of clean and fresh water in case of remaining irritation seek for medical advice	<input checked="" type="checkbox"/>
Skin	remove moistened clothing, wash with soap and water, do not use solvents or thinners !!	<input type="checkbox"/>
Ingestion	if accidentally swallowed obtain immediate medical attention. Keep at rest Do not induce vomiting	<input checked="" type="checkbox"/>

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pigmentierte Filzeimer INKS SERIE 9200

SECTION VII - SPECIAL PRECAUTIONS

Special Precautions to be 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 Released or Spilled: absorb with appropriate liquid binding material and dispose of according to local regulations

Waste Disposal Methods: burn in a licenced 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 glases

Work/Hygenic 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 purchaser 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 name (used on label and list).
- (3) Cited in any national regulations on the classification, packaging and labelling of dangerous substances, preparations, paints, varnishes, printing inks, and similar 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