

MSDS(1)
MATERIAL SAFETY DATA SHEET

PRODUCERS
SUPPLIERS
WAREHOUSERS

606 B black

97900

1003

PARKER, C 60 SERIES,
MB SERIES.

QUICK IDENTIFIER(2)

SECTION I - GENERAL INFORMATION

MANUFACTURER NAME: Dokumental GmbH & Co. Schreibfarben

Factory Ludwigshafen:
Woellnerstraße 26, D-6700 Ludwigshafen 1
Telephone: 0049-(0)621-5402322
Telefax: 0049-(0)621-5402368 (or -394)

Factory Mittenwald:
Innsbrucker Str. 35, D-8102 Mittenwald
Telephone: 0049-(0)8823-1027(1028)
Telefax: 0049-(0)8823-3820

Date: 24.05.93 Prepared by Dr. Polzin (Factory Ludwigshafen)

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

The ball pen ink does not contain hazardous ingredients according to (3).

According to the German Hazardous Substances Act this ink is no hazardous preparation.

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

Appearance and Odour: Highly viscous black colored paste; almost odorless

Boiling Point (°C): 205 - 289	Density(g/cm ³):	ca. 1.10
Vapor Density (Air=1): > 1	Melting Point (°C):	n.d
Solubility in Water %: traces	Evaporation Rate (Butylacetate=1):	> 82
Pressurized: yes <input type="checkbox"/> no <input checked="" type="checkbox"/> X	% Volatile(4):	ca. 50

Other Characteristics: mixture of polyhydric alcohols, dye-stuffs, resin, and additives

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flashp. °C (Meth. Used): >100 [Explosion Limits (Vol%)] LEL1.3 | UEL13

Extinguishing Media: water, foam, CO2, extinguishing powder

97900
ØØØØ

Special Fire Fighting Precautions: cool down endangered containers

|Autoignition Temperature (°C): > 430

List Hazardous Decomp. Prod.: not known

Other Advice: none

SECTION V - STORAGE HAZARDS

Stability: Unstable || Stable |X| Cond. to Avoid: avoid heating above 60 °C

Incompatibility (Mat. to Avoid): concentrated oxidizing agents

Hazard. Decomp. Prod.: no hazardous decomp. products known

Hazard. Polymer. May Occur| |Will not Occur| X |Cond. to Avoid: none

SECTION VI - HEALTH HAZARDS

1. Acute⁽⁵⁾ 2900 mg/kg⁽⁷⁾ 2. Chronic⁽⁵⁾ n.d.

Signs and Symptoms of Overexposure⁽⁶⁾: inhalation of vapors: slight sickness possible

Medical Cond. Generally Aggravated by Exposure: not known

Chem. Listed as Carcinogenes: none of the used chemicals are known as carcinogen

Emergency and First Aid Procedures

Routes of Entry	First Aid Procedures	Seek Medical Advice
Inhalation	provide for fresh air	<input type="checkbox"/>
Eyes	rinse with plenty of water, in case of remaining irritation seek for medical advice	<input type="checkbox"/>
Skin	remove moistened clothes, wash with soap and water	<input type="checkbox"/>
Ingestion	drink lots of water and induce vomating, in case of remaining complaints seek for medical advice	<input checked="" type="checkbox"/>

SECTION VII - SPECIAL PRECAUTIONS

Special Precautions to be Taken in Handl.: keep containers closed, avoid dir. sunlight

Other Precautions: product should not get untreated into waters

97900

343

Steps to be Taken in Case Material is Released or spilled: absorb with liquid bind. material and dispose of according to local or national regulations

Waste Disposal Methods: burn in a licenced incinerator, biological clarification plant; product should not get untreated into waters

SECTION VIII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: not necessary, good room ventilation is sufficient

Ventilation: Local Exhaust: not necess. Mechanical: not necess Other:

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

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

Note: The informations given in this MSDS are based on our present state of knowledge and are no assurance of properties of our products. Existing laws and regulations have to be obeyed by the purchaser himself.

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. (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 products.

- (4) Part of the mixture which evaporates.
- (5) LD50 shall be noted if known
- (6) Health Hazard by Ingestion or Inhalation shall be noted if known.
- (7) Calculated from the components

not applicable = n.a.
 not determined = n.d.
 not necessary = n.n.