

Material Safety Data Sheet

According to 91/155 EC

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Printing date 12.02.2001

Reviewed on 28.01.1999

1 Identification of substance:

- **Product details:**
- **Trade name:** *SF-stamp pad ink, blue*
- **Article number:** *SF*
- **Informing department:** *Product safety department.*

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** *Mixture of the substances listed below with harmless additions.*

· **Dangerous components:**

56-81-5	glycerol	25-50%
57-55-6	propane-1,2-diol	10-25%

3 Hazards identification

- **Hazard designation:** *void*
- **Information pertaining to particular dangers for man and environment** *void*
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- **General information** *No special measures required.*
- **After inhalation** *Supply fresh air; consult doctor in case of symptoms.*
- **After skin contact** *The product is not skin irritating.*
- **After eye contact** *Rinse opened eye for several minutes under running water.*
- **After swallowing** *In case of persistent symptoms consult doctor.*

5 Fire fighting measures

- **Suitable extinguishing agents** *Use fire fighting measures that suit the environment.*
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:**
Dilute with much water.
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** *No dangerous materials are released.*

7 Handling and storage

- **Handling**
- **Information for safe handling:** *No special measures required.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **Storage**
- **Requirements to be met by storerooms and containers:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *None.*

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- **Storage class**
- **Class according to regulation on inflammable liquids:** Void

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

56-81-5 glycerol

OES Long-term value: 10 mg/m³

57-55-6 propane-1,2-diol

OES Long-term value: 474* 10** mg/m³, 150* ppm
*total (vapour and particulates) **particulates

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Safety glasses recommended during refilling.

9 Physical and chemical properties:

- **Form:** Fluid
- **Colour:** According to product specification
- **Odour:** Characteristic

- **Change in condition**
Melting point/Melting range: Not determined
Boiling point/Boiling range: 100°C

- **Flash point:** 101°C

- **Ignition temperature:** 371.0°C

- **Self-inflammability:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive.

- **Critical values for explosion:**
Lower: 0.9 Vol %
Upper: 12.6 Vol %

- **Vapour pressure at 20°C:** 23.0 hPa

- **Density** Not determined

- **Solubility in / Miscibility with**
Water: Fully miscible

- **Solvent content:**
Organic solvents: 49.7 %
Water: 33.9 %

- **Solids content:** 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known

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· **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **National regulations**
- **Classification according to VbF:** Void

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· Technical instructions (air):

Class	Share in %
Wasser	33.9
III	23.9
NK	25.7

· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**16 Other information:**

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- Department issuing data specification sheet:** Environment protection department.
- Contact:**

GB

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NK	25.8

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