

Safety Data Sheet

according to 1907/2006/EC, Article 31


Printing date 05.02.2009

Revision: 05.02.2009


1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** 199 stamp pad ink, black
- **Application of the substance / the preparation:** stamp ink
- **Manufacturer/Supplier:**
 Noris-Color GmbH
 Ziegelhüttener Str.1
 Germany-95326 Kulmbach
 Phone: +49(0) 9221 - 92 00 0
 Fax : +49(0) 9221 - 92 00 90
- **Information in case of emergency:** see " Producer/Supplier"

2 Hazards identification

- **Hazard description:** Not applicable.
 - **Information concerning particular hazards for human and environment:**
 The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 Has a narcotizing effect.
 R 10 Flammable.
 R 67 Vapours may cause drowsiness and dizziness.
 - **Classification system:**
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
 - **GHS label elements**
- 

Warning

2.6/3 - Flammable liquid and vapour.
- 

Warning

3.8/3 - May cause drowsiness or dizziness.
- **Prevention:**
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Keep container tightly closed.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/ equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 - **Response:**
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.
 In case of fire: Use for extinction: CO2, powder or water spray.
 - **Storage:**
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.

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


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- **Disposal:**
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 1569-02-4 EINECS: 216-374-5	1-ethoxypropan-2-ol	R 10-67 Warning:  2.6/3;  3.8/3	25-50%
CAS: 107-41-5 EINECS: 203-489-0	2-methylpentane-2,4-diol	 Xi; R 36/38 Warning:  3.2/2, 3.3/2A; 2.6/4	10-25%
CAS: 107-98-2 EINECS: 203-539-1	1-methoxypropan-2-ol	R 10 Warning:  2.6/3	10-25%
CAS: 64-17-5 EINECS: 200-578-6	ethanol	 F; R 11 Danger:  2.6/2	2.5-10%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Wash with water and soap.
- **After eye contact:** Rinse opened eye for several minutes under running water. Consult doctor.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Open and handle receptacle with care.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.

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· **Further information about storage conditions:** Keep container tightly sealed.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.· **Ingredients with limit values that require monitoring at the workplace:**

107-41-5 2-methylpentane-2,4-diol

WEL	Short-term value: 123 mg/m ³ , 25 ppm
	Long-term value: 123 mg/m ³ , 25 ppm

107-98-2 1-methoxypropan-2-ol

WEL	Short-term value: 560 mg/m ³ , 150 ppm
	Long-term value: 375 mg/m ³ , 100 ppm
	Sk

64-17-5 ethanol

WEL	Long-term value: 1920 mg/m ³ , 1000 ppm
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· **Additional information:** The lists valid during the making were used as basis.· **Personal protective equipment:**· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.· **Respiratory protection:** Not required.· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

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

· **Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** 82°C· **Flash point:** 34°C· **Ignition temperature:** 255°C· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

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· Explosion limits:	
Lower:	1.0 Vol %
Upper:	12.0 Vol %
· Vapour pressure at 20°C:	12 hPa
· Density:	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Solvent content:	
Organic solvents:	80.7 %
Water:	0.4 %
· Solids content:	18.9 %

10 Stability and reactivity

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

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

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 course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key:** 080111 (waste containing organic solvents)
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

· Land transport ADR/RID (cross-border)



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 3
- **UN-Number:** 1263
- **Packaging group:** II
- **Hazard label:** 3
- **Description of goods:** 1263 PAINT (not viscous)

· Maritime transport IMDG:



- **IMDG Class:** 3
- **UN Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Proper shipping name:** PAINT

· Air transport ICAO-TI and IATA-DGR:



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **Proper shipping name:** PAINT

- **UN "Model Regulation":** UN1263, PAINT, 3, III

15 Regulatory information

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· Risk phrases:

- 10 Flammable.
- 67 Vapours may cause drowsiness and dizziness.

· Safety phrases:

- 2 Keep out of the reach of children.
- 7 Keep container tightly closed.
- 18 Handle and open container with care.
- 20/21 When using do not eat, drink or smoke.
- 24/25 Avoid contact with skin and eyes.
- 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

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· **National regulations:**· **Technical instructions (air):**

Class	Share in %
Wasser	0.4
NK	80.7

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

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

10 Flammable.

11 Highly flammable.

36/38 Irritating to eyes and skin.

67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS:** Noris-Color GmbH; Labor/Produktsicherheit, info@noris-color.de· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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