

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 24.11.2009

Revision: 24.11.2009

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

**Product details**

**Trade name:** Stamp Pad Ink 196, black

**Application of the substance / the preparation** Stamp Pad 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

**Further information obtainable from:** Product safety department

**Information in case of emergency:** see " Producer/Supplier "

### 2 Hazards identification

**Hazard description:**



F highly flammable

**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 11 Highly 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**



**Danger**

2.6/2 - Highly 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.

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In case of fire: Use for extinction. CO<sub>2</sub>, 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.

**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: 64-17-5 EINECS: 200-578-6	ethanol	F, R11 Danger: 2.6/2	50-100%
CAS: 1569-02-4 EINECS: 216-374-5	1-ethoxypropan-2-ol	R10-67 Warning: 2.6/3, 3.8/3	10-25%
CAS: 107-98-2 EINECS: 203-539-1	1-methoxypropan-2-ol	R10 Warning: 2.6/3	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:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

### 5 Fire-fighting measures

**Suitable extinguishing agents:**

CO<sub>2</sub>, 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.

Prevent seepage into sewage system, workpits and cellars.

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).

Ensure adequate ventilation.

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### 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: Store in a cool location.

Information about storage in one common storage facility: Not required.

**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

### 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:**

64-17-5 ethanol

WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

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

WEL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm

Long-term value: 375 mg/m<sup>3</sup>, 100 ppm

Stk

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

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**9 Physical and chemical properties****General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

**Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 78°C

**Flash point:** 11°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

**Explosion limits:**

<b>Lower:</b>	1.3 Vol %
<b>Upper:</b>	15.0 Vol %

**Vapour pressure at 20°C:** 59 hPa

**Density:** Not determined.

**Solubility in / Miscibility with**

**water:** Not miscible or difficult to mix.

**Solvent content:**

**Organic solvents:** 79.2 %

**Solids content:** 20.8 %

**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.

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**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 (Farb- und Lackabfälle, die org. Lösemittel enthalten)

**Uncleaned packaging:**

Recommendation: Disposal must be made according to official regulations.

**14 Transport information****Land transport ADR/RID (cross-border)**

ADR/RID class: 3 Flammable liquids.

Danger code (Kemler): 33

UN-Number: 1263

Packaging group: II

Hazard label: 3

Description of goods: 1263 PAINT (vapor pressure at 50°C at most 110 kPa)

**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

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- UN/ID Number: 1263
- Label: 3
- Packaging group: II
- Proper shipping name: PAINT
- UN "Model Regulation": UN1263, PAINT, 3, II

**15 Regulatory information**

- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
  - **Code letter and hazard designation of product:** F Highly flammable
  - **Risk phrases:**
    - 11 Highly flammable
    - 67 Vapours may cause drowsiness and dizziness.
  - **Safety phrases:**
    - 2 Keep out of the reach of children
    - 7/9 Keep container tightly closed and in a well-ventilated place.
    - 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.
  - **National regulations:**
  - **Technical instructions (atr):**
- | Class  | Share in % |
|--------|------------|
| Wasser | 0.8        |
| NK     | 76.6       |
- **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.
    - 67 Vapours may cause drowsiness and dizziness.
  - **Department issuing MSDS:** Noris-Color GmbH (Lab / Product safety department)
  - **Contact:** 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 international 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)

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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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