

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04.09.2009

Revision: 04.09.2009

1 Identification of substance:

- **Product details:**
- **Trade name:** stamp pad ink #110 UV, invisible
- **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
- **Informing department:** Product safety department / laboratory
- **Emergency information:** see "Manufacturer/supplier"

2 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **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.
- **GHS label elements** Void

3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 64-17-5	ethanol	 F; R 11	10-25%
EINECS: 200-578-6		Danger:  2.6/2	

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

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**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.

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- **Measures for environmental protection:**
 - Do not allow product to reach sewage system or water bodies.
 - Inform respective authorities in case product reaches water or sewage system.
 - 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.
 - Open and handle container with care.
- **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:** Keep container tightly sealed.

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:**

64-17-5 ethanol

WEL Long-term value: 1920 mg/m ³ , 1000 ppm
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- **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:**
 - Protective gloves recommended during refilling.
 - 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.

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· **Eye protection:** Safety glasses recommended during refilling.

9 Physical and chemical properties:

· General Information

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

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: 78°C

· **Flash point:** > 55°C· **Ignition temperature:** 425°C· **Self-inflammability:** Product is not selfigniting.· **Danger of explosion:** Product is not explosive.

· Critical values for explosion:

Lower:	3.5 Vol %
Upper:	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:	70.0 %
Water:	25.0 %

· **Solids content:** 5.0 %

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known· **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.

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· 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.

14 Transport information

· Maritime transport IMDG:

· Marine pollutant: No

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).

· 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.

· National regulations

· Technical instructions (air):

Class	Share in %
Wasser	25.0
NK	15.0

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

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16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant R-phrases

11 Highly flammable.

· Department issuing data specification sheet: *Noris-Color GmbH; Product safety department / laboratory*

· Contact: *info@noris-color.de*

· Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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