

Material Safety Data Sheet
According to 91/155 EEC

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Printing date 08.12.2005

Reviewed on 08.12.2005

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1 Identification of substance:

- **Product details:**
- **Trade name:** metal stamp pad ink 210 black
- **Article number:** 210/1
- **Application of the substance / the preparation** Stamp pad ink
- **Informing department:**
Product safety department.
NORIS - COLOR GMBH
P.O. Box 1223
D-95302 Kulmbach
Germany
Tel.: +49 9221 9200-0
Fax : +49 9221 9200-90

2 Composition/Data on components:

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

EINECS: 215-609-9	Carbon black		25-50%
	Remesit Stempellack	R 10	2.5-10%

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

3 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.

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.

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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:** None.

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:**

Carbon black

OEL Short-term value: 7 mg/m³

Long-term value: 3.5 mg/m³

- **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:**

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:** Safety glasses recommended during refilling.

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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:	Not determined

Flash point:	208°C
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Ignition temperature:	350°C
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Self-inflammability:	Product is not selfigniting.
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Danger of explosion:	Product is not explosive.
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· Critical values for explosion:

Lower:	0.3 Vol %
Upper:	2.4 Vol %

Vapour pressure at 20°C:	12 mbar
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Density	Not determined
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· Solubility in / Miscibility with

Water:	Not miscible or difficult to mix
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· Solvent content:

Organic solvents:	0.0 %
Water:	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

· 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.

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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 bodies or sewage system.

13 Disposal considerations

· **Product:**

· **Recommendation** Smaller quantities can be disposed with household waste.

· **Waste disposal key number:**

080111

Ink and varnish wastes containing organic solvents or other dangerous substances.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID-GGVSE 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).

· **Safety phrases:** 29 Do not empty into drains.

· **National regulations**

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

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**

10 Flammable.

· **Department issuing data specification sheet:** Environment protection department.

· **Contact:**