

1 Identification

- **Product identifier**
- **Trade name:** 510 (All Color Shades)
- **Application of the substance / the mixture** Stamp pad ink
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Noris-Color GmbH
Ziegelhüttener Str. 1
D-95326 KULMBACH
GERMANY
Phone: +499221/92000
Fax: +499221/920090
info@noris-color.de
- **Information department:** Laboratory/Product safety
- **Emergency telephone number:** See Manufacturer/Supplier

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 1
Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

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

57-55-6	propane-1,2-diol	50-100%
---------	------------------	---------

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **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:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

Trade name: 510 (All Color Shades)

(Contd. of page 1)

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

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

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

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

WEEL Long-term value: 10 mg/m³

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of penetration times, rates of diffusion and the degradation

(Contd. on page 3)

Trade name: 510 (All Color Shades)

(Contd. of page 2)

- **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 a 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:** Goggles recommended during refilling.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Fluid
Color:	According to product specification
Odor:	Characteristic
Odour threshold:	Not determined.

- **pH-value:** Not determined.

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	185 °C (365 °F)

- **Flash point:** 101 °C (214 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** > 300 °C (> 572 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	2.6 Vol %
Upper:	12.6 Vol %

- **Vapor pressure at 20 °C (68 °F):** 0.1 hPa

- **Density:** Not determined.

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water:	Not miscible or difficult to mix.
--------	-----------------------------------

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.

- **Solvent content:**

Organic solvents:	83.0 %
VOC content:	83.0 %
	830.0 g/l / 6.93 lb/gal

- **Solids content:** 17.0 %

(Contd. on page 4)

Trade name: 510 (All Color Shades)

(Contd. of page 3)

· Other information

No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
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.

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

US

(Contd. on page 5)

Trade name: 510 (All Color Shades)

(Contd. of page 4)

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Waste disposal key:** Recommendation: 080111 (waste containing organic solvents)
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| • UN-Number | |
| • DOT, ADR, IMDG, IATA | Void |
| • UN proper shipping name | |
| • DOT, ADR, IMDG, IATA | Void |
| • Transport hazard class(es) | |
| • DOT, ADR, IMDG, IATA | |
| • Class | Void |
| • Packing group | |
| • DOT, ADR, IMDG, IATA | Void |
| • Environmental hazards: | |
| • Marine pollutant: | No |
| • Special precautions for user | Not applicable. |
| • Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| • UN "Model Regulation": | - |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

• **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

• **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

• **TSCA (Toxic Substances Control Act):**

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

9000-59-3 Shellac

• **Proposition 65**• **Chemicals known to cause cancer:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

(Contd. on page 6)

Trade name: 510 (All Color Shades)

(Contd. of page 5)

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **GHS label elements** Void

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements** Void

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

- **Department issuing SDS:** Laboratory/Product safety

- **Contact:** Hr. Wendland

- **Date of preparation / last revision** 08/10/2015 / -

- **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)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

VOC: Volatile Organic Compounds (USA, EU)

NORIS-COLOR GmbH · Ziegelhüttener Str. 1 · D-95326 Kulmbach

Indiana Stamp Company
1319 Production Road
US – Fort Wayne, IN 46808

Sales / Production I
Ziegelhüttener Str. 1 · D-95326 Kulmbach

Lab / Production II
E.-C.-Baumann-Str. 34 · D-95326 Kulmbach

Tel. +49 (0) 92 21/92 00-0 · Fax +49 (0) 92 21/92 00-90

E-mail: info@noris-color.de
Internet: www.noris-color.de

17.07.2013

CONFIRMATION

We herewith confirm that our ink #510 red complies to the following standards and specifications:

- REACH
- SVHC (Candidate List 06/2013)
- RoHS
- TSCA (Toxic Substances Control Act 1976)
- No chromium(VI) content
- GADSL (Global Automotive Declarable Substance List)
- California Proposition 65
- Washington State List of Chemicals of High Concern
- CEA list (Consumer Electronics Association)
- JGPSSI- Substance List
- 2006/122/EC Standard (PFOS free)
- DFARS Clause 252.225-7014 (Alt 1 Clause)
- Contains only substances that comply to European Union Regulation (EG) Nr. 1333/2008 and is therefore suitable to mark cheese.

Best regards
NORIS-COLOR GmbH


Oliver Zeitler
Managing Director

NORIS-COLOR GmbH
Ziegelhüttener Straße 1
D-95326 KULMBACH
☎ +49 (0) 92 21 / 92 00 - 0 • 📠 -90
info@noris-color.de

NORIS-COLOR GmbH · Ziegelhüttener Str. 1 · D-95326 Kulmbach

Indiana Stamp Company
1319 Production Road
US – Fort Wayne, IN 46808

Sales / Production I
Ziegelhüttener Str. 1 · D-95326 Kulmbach

Lab / Production II
E.-C.-Baumann-Str. 34 · D-95326 Kulmbach

Tel. +49 (0) 92 21/92 00-0 · Fax +49 (0) 92 21/92 00-90

E-mail: info@noris-color.de

Internet: www.noris-color.de


13.01.2014

CONFIRMATION

We herewith confirm that our ink #510 black complies to the following standards and specifications:

- REACH
- SVHC (Candidate List 12/2013)
- TSCA (Toxic Substances Control Act 1976)
- Halogen free according to IEC 61249-2-21
- No chromium(VI) content
- GADSL (Global Automotive Declarable Substance List)
- California Proposition 65
- Washington State List of Chemicals of High Concern
- CEA list (Consumer Electronics Association)
- JGPSSI- Substance List
- 2006/122/EC Standard (PFOS free)
- DFARS Clause 252.225-7014 (Alt 1 Clause)
- Contains only substances that comply to European Union Regulation (EG) Nr. 1333/2008 and is therefore suitable to mark cheese.

Best regards
NORIS-COLOR GmbH


Oliver Zeitler
Managing Director

NORIS-COLOR GmbH
Ziegelhüttener Straße 1
D - 95326 KULMBACH
Telefon 0 92 21 / 92 00 - 0
Telefax 0 92 21 / 92 00 90
E-MAIL: INFO@NORIS-COLOR.DE
[HTTP://WWW.NORIS-COLOR.DE](http://WWW.NORIS-COLOR.DE)