

<p align="center">SAFETY DATA SHEET according to Regulation (EC) No 1907/2006 (REACH) and according to Commission Regulation (EU) No 453/2010</p>		
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Inks 7790

1.2. Relevant identified uses of the substance or mixture and uses advised agents

Filling for stationery: type 2550, 2682, 7790, 8720, 2700, 8700, 8723, 2750, 8673, 8770, 3551, 3651, 3640, 7550, 8580.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

Address:

Phone :

Fax:

E-Mail:

1.4. Emergency telephone number

Toxicological Information Centre Prague (TIS), Address: Na Bojišti 1, Praha

Telephone number: Tel. No.: +420 224 919 293 or +420 224 919 293 or +420 224 915 402 – non stop

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

The most serious adverse physicochemical effects

Unknown

The most serious adverse effects on human health and the environment

Unknown

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Aqueous solution.

The mixture does not contain dangerous substances.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move the victim into fresh air.

Skin contact: Take off all contaminated clothes immediately. Wash immediately with lots of water with soap.

Eye contact: Remove any contact lenses. Immediately flush eyes with plenty of water for 10-15 minutes, occasionally lift the upper and lower eyelids. Get medical attention.

Ingestion: Place a victim calm. Rinse the mouth with water and give victim drink plenty of water (only if the affected person is conscious). Seek medical advice immediately and show this container or label..

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

Not expected.

Skin contact

Not expected.

Eye contact

Not expected.

Ingestion

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Not expected.

- 4.3. **Indication of any immediate medical attention and special treatment needed**
 Symptomatic treatment.

SECTION 5: Firefighting measures

- 5.1. **Extinguishing media**
Suitable extinguishing agents:
 according to surroundings fire
Unsuitable extinguishing media:
 not available
- 5.2. **Special hazards arising from the substance or mixture**
 Hazardous decomposition products formed under fire conditions: carbon dioxide (CO₂), carbon monoxide. Exposure to decomposition products may cause a health hazard.
- 5.3. **Advice for firefighters**
 Self contained breathing apparatus and full protective clothing must be worn in case of fire. Do not allow run-off from fire-fighting to enter drains or watercourses.

SECTION 6: Accidental release measures

- 6.1. **Personal precautions, protective equipment and emergency procedures**
 The mixture is nonflammable. Use gloves in case of prolonged contact. Follow the instructions in Sections 7 and 8.
- 6.2. **Environmental precautions**
 Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.
- 6.3. **Methods and material for containment and cleaning up**
 Stop leaking if possible without risk. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, soil, vermiculite or diatomaceous soil, and place in container for disposal according to local regulations (see section 13). Clean contaminated surfaces with an excess of water.
- 6.4. **Reference to other sections**
 Follow the instructions contained in sections 7, 8 and 13.

SECTION 7: Handling and storage

- 7.1. **Precautions for safe handling**
 Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.
- 7.2. **Conditions for safe storage, including any incompatibilities**
 Store in tightly closed original container.
- 7.3. **Specific end use(s)**
 not available

SECTION 8: Exposure controls/personal protection

- 8.1. **Control parameters**
- 8.2. **Exposure controls**
 Observe usual measures of health at work and in particular good ventilation. This can be achieved only by effective local exhaust or general ventilation. If it is not possible abide exposure limits, you have to use appropriate respiratory protection. When using do not eat, drink or smoke. After work and before breaks for food and rest wash your hands thoroughly with soap and water.
- Respiratory protection**
 In normal use is not necessary.
- Skin protection**
 Protective gloves (EN 374). Protective work clothing.
- Eye/face protection**
 In normal use is not necessary.
- Thermal hazards**
 undefined
- Environmental exposure controls**
 Observe usual measures to protect the environment, see section 6.2

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information	
Appearance:	
Physical state	Liquid at 20°C
Colour	according to specifications
Odour	characteristic
Odour threshold	No data available
pH-value:	3,8 – 8,3
Melting point/freezing point:	No data available
Boiling point/Boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Flammability limits:	No data available
Explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	No data available
Solubility in / Miscibility with water:	Water-soluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	1,6 – 2,7 mPas
Explosive properties:	No data available
Oxidising properties:	No data available

9.2. Other information

undefined

SECTION 10: Stability and reactivity

10.1. Reactivity

In normal conditions mixture does not dangerously react with other substances.

10.2. Chemical stability

In normal conditions is the mixture stable.

10.3. Possibility of hazardous reactions

The mixture is stable under normal conditions.

10.4. Conditions to avoid

The mixture is stable and no degradation occurs under normal use.

10.5. Incompatible materials

undefined

10.6. Hazardous decomposition products

Not developed under normal uses.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity:

Based on available data, the classification criteria are not met.

Corrosion/skin irritation

Based on available data, the classification criteria are not met.

Serious eye damage / eye irritation

Based on available data, the classification criteria are not met.

Respiratory / skin sensitization

Based on available data, the classification criteria are not met.

Germ cells mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

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Based on available data, the classification criteria are not met.
Toxicity for specific target organ - single exposure
 Based on available data, the classification criteria are not met.
Toxicity for specific target organ - repeated exposure
 Based on available data, the classification criteria are not met.
Aspiration hazard
 Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- 12.1. **Toxicity**
Data for the mixture are not available.
- 12.2. **Persistence and degradability**
There is no data available for the mixture.
- 12.3. **Bioaccumulative potential**
No data available
- 12.4. **Mobility in soil**
No data available
- 12.5. **Results of PBT and vPvB assessment**
The mixture contains no PBT a vPvB substances.
- 12.6. **Other adverse effects**
No data available

SECTION 13: Disposal considerations

- Hazard of environmental contamination; remove waste in accordance with local and/or national regulations.
- 13.1. **Waste treatment methods**
Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to an authorised person for waste removal (specialized company) authorised for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.
- Legislation of waste**
Council Directive 75/442/EEC on waste, at last amended. Council Directive 91/689/EEC on hazardous waste, as last amended. Decision 94/3/EC establishing a list of wastes, as last amended.
- | | |
|--------------------------|---|
| Code of the waste | 080112 |
| Type of waste | waste paint and varnish other than those mentioned in 08 01 11 |
| Subgroup of waste | wastes from MFSU and removal of paint and varnish |
| Waste group | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS |

SECTION 14: Transport information

- 14.1. **UN number**
not available
- 14.2. **UN proper shipping name**
not available
- 14.3. **Transport hazard class(es)**
not available
- 14.4. **Packing group**
not available II
- 14.5. **Environmental hazards**
not available
- 14.6. **Special precautions for user**
not available
- 14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
not available

SECTION 15: Regulatory information

- 15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the

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Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. Directives 67/548/EEC, as amended, and 1999/45/EC, as amended.

- 15.2. **Chemical safety assessment:**
 not available

SECTION 16: Other information

Other important information about safety of human health

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road
 BCF Bioconcentration Factor
 CAS Unique Numeric Identifier used in chemistry for chemical substances
 CLP Classification, Labelling and Packaging
 DNEL Derived no-effect level
 EC50 Concentration of a substance when it is affected 50% of the population
 EINECS European Inventory of Existing Commercial Chemical Substances
 Ems Emergency plan
 ErC50 Environmental Release category
 ES Identification code for each substance listed in EINECS
 IATA International Air Transport Association
 IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
 IC50 Concentration causing 50 % blockade
 ICAO International Civil Aviation Organization
 IMDG International Maritime Dangerous Goods Transport
 LC50 Lethal concentration of a substance in which it can be expected death of 50% of the population
 LD50 Lethal dose of a substance in which it can be expected death of 50% of the population
 LOAEC Lowest observed adverse effect concentration
 LOAEL Lowest observed adverse effect level
 Log Kow Octanol-water partition coefficient
 MARPOL International Convention for the Prevention of Pollution From Ships
 MFAG First Aid Manual
 NOAEC No observed adverse effect concentration
 NOAEL No observed adverse effect level
 NOEC No observed effect concentration
 NOEL No observed effect level
 NPK The maximum permissible concentration
 PBT Persistent ,Bioaccumulative and Toxic
 PEL Permissible Exposure Limit
 PNEC Predicted no-effect concentration
 REACH Registration, Evaluation and Restriction of chemicals (EP and Council Regulation (EC) No.1907/2006)
 RID Agreement on the transport of dangerous goods by rail
 UN Four-digit code reflecting the characteristics of substances or mixtures in transport
 UVCB Substances of unknown or variable composition, complex reaction products or biological materials
 VOC Volatile organic compounds
 vPvB Very Persistent and very Bioaccumulative
 Acute Tox. Acute toxicity
 Aquatic Acute Hazardous to the aquatic environment
 Aquatic Chronic Hazardous to the aquatic environment
 Eye Irrit. Eye irritation
 Flam. Liq. Flammable liquid
 Flam. Sol. Flammable solid
 Skin Corr Skin corrosion
 STOT RE Specific target organ toxicity - repeated exposure
 STOT SE Specific target organ toxicity - single exposure
 Water-react. Substance or mixture which in contact with water emits flammable gas
Training guidelines
 Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways

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of handling the mixture.

Recommended restrictions of use

not available

Information about the sources of data used to compile the data sheet

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended, REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended, COMMISSION REGULATION (EU) No 453/2010, COUNCIL DIRECTIVE 67/548/EEC as amended and 1999/45/EC, COMMISSION REGULATION (EU) No 286/2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

The changes (which information has been added, deleted or modified)

Section 2, 3, 8, 13, 15, 16.

Statement

The Safety Data Sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.