

MATERIAL SAFETY DATA SHEET

(EU Regulation (EC) No 2015/830 and
(EC) No 1272/2008)

Product name: Ink
Revision Date: 12/05/2020
Version: 1.0

MSDS Number: SDS202005122781
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1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name : Ink

Recommended use of the chemical and restrictions on use

Identified use : For writing or painting use only

2. HAZARDS IDENTIFICATION

GHS Classification(REGULATION (EC) No 1272/2008)

This product is not considered hazardous according to EU REGULATION (EC) No 1272/2008. This product is considered to be safe under normal foreseeable condition of use.

This product is considered to be safe under normal use conditions, however, this product might cause hazards if this product is not used as directed or being abused. Please follow the recommendations of the manufacturer or safety instruction on the label of product.

The information contained in this Material Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

GHS label elements(REGULATION (EC) No 1272/2008)

The product contains no substances which at the given concentration, is considered to be hazardous to health or environment, so no label elements should be shown on this section.

Hazard pictograms : Not available

Signal word : Not available

Hazard statements : Not applicable

Precautionary statements : **Prevention:**

P101 If medical advice is needed, have product container or label at hand.



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P102 Keep out of reach of children.
P103 Read label before use.

Response:

Not applicable

Storage:

Not applicable

Disposal:

Not applicable

Other hazards which do not result in classification

This product contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product type : Mixture

Hazardous components

This product does not contain any hazardous components required to reporting in this section according to relevant regulations.

Chemical name	CAS-No.	Classification (REGULATION (EC) No 1272/2008)	Concentration
Bone glue	-	Not classified	20%
Carbon black	1333-86-4	Not classified	5%
Pine carbon black	-	Not classified	5%
Oil fume	-	Not classified	5%
Water	7732-18-5	Not classified	Balance

4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.



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Show this safety data sheet to the doctor in attendance.

- If inhaled : Not required under normal conditions of use.
Move to fresh air.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Not required under normal conditions of use.
Wash off with soap and plenty of water.
Consult a physician.
- In case of eye contact : Not required under normal conditions of use.
Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
If symptoms persist, call a physician.
- If swallowed : Not required under normal conditions of use.
Rinse mouth with water.
If symptoms persist, call a physician.

Notes to physician

- Symptoms : None known or anticipated symptoms.
- Treatment : Treat symptomatically.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : For this product no limitations of extinguishing agents are given.
- Specific hazards during firefighting : There is no fire or explosive hazards.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus and personal protective equipment.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES



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- Personal precautions : None required under normal conditions of use.
For personal protection see section 8.
- Environmental precautions : No special environmental precautions required.
- Methods for cleaning up : Absorb and/or contain spill with inert materials(sand, diatomite, acid binders, universal binders, sawdust), and place in container for disposal according to local / national regulations (see section 13).
- Additional advice : Comply with all applicable national and local regulations.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety procedures.
Avoid contact with skin and eyes.
For personal protection see section 8.
Dispose of rinse water in accordance with local and national regulations.

- Advice on protection against fire and explosion : Normal fire protective measure.

Storage

- Requirements for storage areas and containers : Tightly closed. Store in a dry and well-ventilated place. Keep out of reach of children. Store in according to instruction.
- Materials to avoid : None known.
- Other data : Hazardous decomposition products formed under fire conditions.
- Carbon oxides.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Carbon black	1333-86-4	TWA	4 mg/m ³ (total dust)	GBZ 2.1-2007

Engineering measures

Ensure good ventilation of the work place.



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Personal protective equipment

Respiratory protection	: Not required under normal conditions of use.
Hand protection	: Not required under normal conditions of use.
Eye protection	: Not required under normal conditions of use.
Skin and body protection	: Not required under normal conditions of use.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state/appearance	: Liquid
Color	: Black
Odor	: Sweat odor
Odor Threshold	: No data available

Safety data

Flash point	: Does not flash
Ignition temperature	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flammability (solid, gas)	: Non flammable
Oxidizing properties	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Molecular weight	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Boiling point	: No data available
Sublimation point	: No data available
Vapour pressure	: No data available
Density	: No data available
Bulk density	: No data available
Water solubility	: Soluble in water
Partition coefficient: n-octanol/water	: No data available
Solubility in other solvents	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: No data available
Impact sensitivity	: No data available



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Relative vapour density : No data available
Surface tension : No data available
Evaporation rate : No data available

10. STABILITY AND REACTIVITY

Hazardous reactions : Non-reactive under normal use, storage and transport conditions.
Chemical stability : The product is chemically stable under standard ambient conditions (room temperature).
Conditions to avoid : Avoid direct sunlight exposure and extreme temperature.
Materials to avoid : None known.
Hazardous decomposition products : Hazardous decomposition products formed under fire conditions.
- Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.



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STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

Persistence and degradability

No data available

Bioaccumulative potential

Partition coefficient: n-octanol/water : No data available

Mobility in soil

No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

International transport regulations

14.1 UN number

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG(39-18) : Not regulated as a dangerous good
IATA(61th edition) : Not regulated as a dangerous good

14.2 Proper shipping name



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ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG(39-18) : Not regulated as a dangerous good
IATA(61th edition) : Not regulated as a dangerous good

14.3 Transport hazard class

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG(39-18) : Not regulated as a dangerous good
IATA(61th edition) : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG(39-18) : Not regulated as a dangerous good
IATA(61th edition) : Not regulated as a dangerous good

14.5 Environmental hazards

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG(39-18) : Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Special Precautions: Refer to Chapter 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category : Not applicable
Ship type : Not applicable
Product name : Not applicable
Special precautions : Not applicable

15. REGULATORY INFORMATION

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 57) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable



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16. OTHER INFORMATION

Further information

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Disclaimer:

This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by us to be dependable and is accurate to the best of our knowledge.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. We assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

****End of Material Safety Data Sheet*****



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