

Material Safety Data Sheet
Epson T0511 BKRevision 1.0
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31/03/2015**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product: ink used to fill Epson T0511 BK reman cartridge

Distributed by: Office Depot Europe B.V., the Netherlands

Supplier: Environmental Business Products Ltd.

Address: 26 Chase Road, Park Royal, London, NW10 6BB

Information: stephanie.lawes@ebpgroup.com 44 (0) 20 8838 6888

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No1272/2008



GHS07

Skin Irrit 2, H315 Causes skin irritation

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Information concerning particular hazards for humans and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for the preparations of the EU" in the latest valid version

Classification system:

The classification is according to the latest of the EU-lists, and extended by company and literature data.

Label elements

Labelling according to EU regulations:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

Observe the general safety regulations when handling chemicals.

Special labelling of certain preparations:

Safety data sheet available for professional user on request.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Name	Cas-No	Content	Classification	CLP Classification
2,2'-(ethylenedioxy) diethanol	112-27-6	<10%		
Butan-1-ol	71-36-3	<5%	Xn R22 R10-67 Xi R37/38-41	Flam Liq 3, H226 Eye Dam 1, H318 Acute Tox 4, H302 Skin Irrit 2, H315 STOT SE 3, H335 &H336

Additional information: for the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

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General information: no special measures required.

Inhalation: supply fresh air: and consult a doctor. In case of unconsciousness place patient stably in side position for transportation.

Skin contact: immediately wash with water and soap and rinse thoroughly.

Eye contact: rinse opened eye for several minutes under running water.

Swallowing: if symptoms persist consult doctor.

Information for doctor: No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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: dilute with plenty of water. 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, sawdust).

No dangerous substances are released.

7. HANDLING AND STORAGE

Usage Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about fire-and explosion protection: 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

71-36-3 butane-1-ol

WEL short-term value: 154 mg/m³, 50ppm

Exposure controls

Personal protective equipment:

General protective and hygiene measures:

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

The usual precautionary measures for handling chemicals should be followed.

Respiratory protection: in case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device

Protection of hands: Protective gloves

Eye protection: Safety glasses recommended during refilling.

Body protection: not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information

Appearance:

Form/State: Fluid

Colour: Black

Odour: Mild

Solubility in water: Miscible
pH value at 20°C: 8.5
Change in condition
Melting point/melting range: undetermined
Boiling point/boiling range: undetermined
Flash point: not applicable
Auto-igniting: product is not self-igniting
Danger of explosion: product does not present an explosion hazard.
Explosion limits: Lower: not applicable - Upper: not applicable
Density at 20 °C: 1.06 g/cm³
Viscosity at 20 °C: 3 mmPas

10. STABILITY AND REACTIVITY

Chemical stability:

Thermal decomposition/conditions to be avoided: Stable under recommended storage and handling conditions.

Possibility of hazardous reactions: no dangerous reactions known if used according to specifications.

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

Primary irritant effect:

On the skin: no irritating effect

On the eye: no irritating effect

Sensitisation: sensitizing possible through skin contact

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the products do not have any harmful effects in our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: no further relevant information available

Persistence and degradability: no further relevant information available

Behavior in environmental systems:

Bio accumulative potential: no further relevant information available

Mobility in soil: no further relevant information available

Additional ecological information:

General notes:

Water hazard class 1: 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.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Recommendation: waste material must be disposed of in accordance with local regulations.

Uncleansed packaging:

Recommendations: empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Packaging that cannot be cleansed are to be disposed of in the same manner as the product.

14. TRANSPORT INFORMATION

UN- number:

ADR, ADN, IMDG, IATA: None

UN proper shipping name:

ADR, ADN, IMDG, IATA: None

Transport hazard class:

ADR, ADN, IMDG, IATA: None

Packing group:

ADR, IMDG, IATA: None

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

Special labeling of certain preparations:

Safety data sheet available for professional user on request.

Chemical safety assessment: A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

Relevant Phrases

H226 flammable liquid and vapour

H302 harmful if swallowed

H315 causes skin irritation

H318 causes serious eye damage

H335 may cause respiratory irritation

H336 may cause drowsiness or dizziness

R10 flammable

R22 harmful if swallowed

R37/38 irritating to respiratory system and skin

R41 Risk of serious damage to eyes

R67 Vapours may cause drowsiness and dizziness.

The information contained in this safety data sheet is provided in accordance with the requirements of the regulations. The product as contained within an inkjet cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should be treated in such a way so as no ink spills into the environment without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information contained herein is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the end user to comply with all applicable laws and regulations.

Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.