



Material Safety Data Sheet

Epson T027 Colour

Revision 2.0
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31/03/2015

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill Epson T027 CL reman cartridge

Supplier: Supplies Team

Address: Sheffield Airport Business Park, Europa Link, Sheffield, S9 1 XU

Information Phone: 0114 256 6000

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No1272/2008

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.

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:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

Special labelling of certain preparations:

Safety data sheet available on request

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 substances listed below with non-hazardous additions.

CAS	EINECS	Name	Content %	Classification
56-81-5	200-289-5	glycerol	<5%	Substance with a Community workplace exposure limit

The full text for all R-phrases are displayed in Section 16

4. FIRST AID MEASURES

General information: no special measures required.

Skin contact: generally the product does not irritate the skin.

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

Ingestion: if symptoms persist consult a doctor

Inhalation: supply fresh air; consult doctor in case of complaints.

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.

Absorb with liquid binding material (sand, diatomite, acid binder, universal binders, sawdust)

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling: no special measures required.

Information about fire and explosion protection: no special measures required.

Storage conditions: No special requirements

Suitable packaging: Store in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace:

56-81-5 Glycerol WEL/Long term value 10mg/m³

Exposure controls

Personal protective equipment:

General protective and hygiene measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: not required.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/substance/preparation.

Eye protection: goggles recommended during refilling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information

Appearance:

Form/State: Fluid

Colour: Cyan, Magenta, Yellow

Odour: Characteristic

Solubility in water: Fully miscible

pH value at 20°C: 8.1

Change in condition

Melting point/melting range: undetermined

Boiling point/boiling range: undetermined

Flash point: not applicable

Ignition temperature: not determined

Self-igniting: product is not self-igniting

Danger of explosion: product does not present an explosion hazard.

Explosion limits: Lower: not determined - Upper: not determined

Vapor pressure at 20 °C: not determined

Density at 20 °C: 1.05 g/cm³

Viscosity at 20 °C: 3 mm²/s



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 if used according to specifications.

Conditions to avoid: No further relevant information available

Incompatible materials: no further relevant information available.

Haz. decomp. 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 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 product does not have any harmful effects to 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 of it 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

Smaller quantities can be disposed of with household waste.

Uncleansed packaging:

Recommendation: disposal must be made according to official regulations.

Recommended cleansing agents: water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

UN- number:



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ADR, ADN, IMDG, IATA: Void
UN proper shipping name:
ADR, ADN, IMDG, IATA: Void
Transport hazard class:
ADR, ADN, IMDG, IATA: Void
Packing group:
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

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

16. OTHER INFORMATION

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.