



Material Safety Data Sheet

Epson T128 Multipack

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: inks used to fill Epson T128 reman cartridge

Supplier: Supplies Team

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

Information Phone: 0114 256 6000

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification: Not classified.

Eye Irritant

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC no	CAS-No.	Content / %	Classification
Water	231-791-2	7732-18-5	>79	
Butyl Carbitol	203-961-6	112-34-5	<30	Xi R36
2-pyrrolidone	210-483-1	616-45-5	<5	Xi R36/38
n-Propanol	200-746-9	71-23-8	<5	Xi R41 F R11 R67
Sodium Hydroxide	215-185-5	1310-73-2	<1	C R35 (if more than 1%)
Glycerol	200-289-5	56-81-5	<5	
Butan-1-ol	200-751-6	71-36-3	<5	Xn R22, Xi R37/38-41
Butane-1,4-diol	203-786-5	110-63-4	<5	Xn R22

4. FIRST AID MEASURES

INHALATION: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION: Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do Not Induce Vomiting. Get medical attention if any discomfort continues.

SKIN CONTACT: Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT: Make sure to remove any contact lenses from the eyes before rinsing. Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Spill Clean Up Methods

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways.

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, 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.



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7. HANDLING AND STORAGE

Usage Precautions

Avoid spilling, skin and eye contact

Storage Precautions

Store in tightly closed original container in a dry, cool and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
SODIUM HYDROXIDE	WEL				2 mg/m3
Glycerol	WEL		10 mg/m3		
Butan-1-ol	WEL			50ppm	154mg/m3

Protective Equipment

ENGINEERING MEASURES

No particular ventilation requirements.

RESPIRATORY EQUIPMENT

N/A

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

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

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

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 the product is a preparation of several substances, the resistance of the glove material cannot 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

Wear splash-proof goggles to prevent any possibility of eye contact.

HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearances	Coloured Liquid
Colour	Black, Cyan, Magenta, Yellow
Odour	No characteristic odour
Solubility	See specification
PARTICLE SIZE (Micron)	<0.1
Density at 20 °C:	1.03 g/cm3
Solubility of preparation in water:	Fully miscible.
Vapour tension at 50°C of volatile constituents:	not determined.
Evaporation rate:	not determined.
Partition coefficient (n-octanol/water):	not determined
Viscosity:	
Dynamic:	not determined
Kinematic at 20°C:	3 mm2/s
Boiling Point (°C):	>100°C
Particle Size (Micron)	<0.1



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10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions.

11. TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

No specific health warnings noted.

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

Ecotoxicity

Not regarded as dangerous to the environment.

General notes: Water hazards class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

Recommendation: Disposal must be made according to official regulations.

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

14. TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport

15. REGULATORY INFORMATION

RISK PHRASES

NC Not Classified.

SAFETY PHRASES

P13 Safety data sheet available for professional user on request.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION.

Risk phrases in full

R11 Highly flammable.

R22 Harmful if swallowed.

R35 Causes severe burns. (if more than 1%)

R36 Irritating to eyes

R36/38 Irritating to eyes and skin

R41 Risk of serious damage to eyes.



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R37/38-41 Irritating to respiratory system and skin
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 not be treated in such a way 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.