



Safety Data Sheet

Mexar Textile Pigment Inks: Mexar Cyan PG Textile Ink, Mexar Magenta PG Textile Ink, Mexar Yellow PG Textile Ink, Mexar Black PG Textile Ink,

Date: 21/12/22

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Mixture Identification

Trade Name: Mexar TEX1 (Cyan, Magenta, Yellow, Black), Mexar Tex 2 (Cyan, Magenta, Yellow, Black, Mexar DTF (Cyan, Magenta, Yellow, Black

Registration No: See Paragraph 3

1.2 Relevant identified use of the substance or mixture and uses advised against

Recommended use: Ink Jet Ink

Uses Advised Against: Not Available

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification: Mexar Ltd
Unit 4B Whitehouse Road Industrial Estate,
Whitehouse Road,
Newcastle upon Tyne
NE15 6LN
United Kingdom

Tel: +44 191 447 3414

sales@mexar.co.uk

Contact name: Andrew Hancock

1.4 Emergency Telephone Number

+44 191 447 3414

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation EC 1272/2008 (CLP)

Not a hazardous substance or mixture according to EC1272/2008

Classification according to EU Directives 67/548/EEC or 1999/45/EC

This substance is not classified as a dangerous according to Directive 67/548/EEC

Most important adverse effects

Human Health : See section 11 for toxicological information.

Physical and chemical : See section 9 for physiochemical information.

Hazards

Potential environmental : See section 12 for toxicological information.

Effects

2.2 Label elements

Labelling according to Regulation EC 1272/2008 (CLP)

Not a hazardous substance or mixture according to EC1272/2008

2.3 Other hazards

For results of PBT and vPvB assessment see section 12.5

SECTION 3: Composition/information on ingredients

3.1 Substances

N/A

3.2 Mixtures

Mixture identification: Mexar PG Textile Ink

Non Hazardous components:

Quantity	Name	Ident. No
≥ 10%	Glycerol	CAS: 56-81-5 EC:200-289-5

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice:

No special precaution required

In case of skin contact:

Wash off with soap and water.

In case of eye contact:

Rinse thoroughly with plenty of water also under the eyelids, if symptoms persist consult a physician

In case of ingestion:

Clean mouth with water, and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist consult a physician

4.2 Most important symptoms and effects, both acute and delayed

Symptoms See section 11 for more detailed information on health effects and symptoms

Effects See section 11 for more detailed information on health effects and symptoms

4.3 Indication of any immediate medical attention and special treatment needed

Treatment Treat symptomatically. No further information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and surrounding environment.

Unsuitable extinguishing media

No information available

5.2 Special hazards arising from the substance or mixture

Under fire conditions Carbon Monoxide and Carbon Dioxide

5.3 Advice for fire fighters

Use suitable breathing apparatus and wear personal protective equipment.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment avoid contact with skin. For personal protection see section 8.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer systems.

6.3 Methods and material for containment and cleaning up

Use mechanical handling equipment. Keep in suitable, closed containers for disposal
Absorb with liquid binding material: dry and inert absorbing material (vermiculite, sand, acid binders, universal binders). Keep in suitable, closed containers for disposal

6.4 Reference to other sections

For personal protection see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Safe handling Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed.

Hygiene Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Provide adequate ventilation. Avoid contact with the skin and the eyes

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage: Store only in the original container.

Advice on protection against: Normal measures for preventive fire protection.
fire and explosion

Further information on: Keep tightly closed in a dry cool and place. Keep away from heat.
storage conditions Protect from frost.

Advice on common: Keep away from food, drink and animal feedingstuffs
storage

7.3 Specific end use(s)

Recommendations: None in particular

Industrial sector specific solutions: None in particular

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Component	Glycerol	CAS No: 56-81-5
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Other Occupational Exposure Limit Values

EH40 (IE), Time Weighted Average (TWA); Mist
10 mg/m³

EH40 WEL, Time Weighted Average (TWA); Mist
10 mg/m³

8.2 Exposure Controls

Personal protective equipment

Hand Protection	:	Protective gloves
Respiratory Protection	:	Required if dust is released, dust mask
Eye Protection	:	Safety goggles
Skin Protection	:	Protective work clothing
Environmental exposure Controls	:	Do not flush into surface water or sanitary sewer systems.

SECTION 9: Physical and chemical properties

Appearance	:	Coloured liquid
Odour	:	Slight
Solubility in water	:	miscible
Physical properties	:	Liquid at room temperatures

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available

10.2 Chemical stability

No decomposition if stored and applied as directed

10.3 Possibility of hazardous reactions

No information available

10.4 Conditions to avoid

No information available

10.5 Incompatible materials

Oxidising agents

10.6 Hazardous decomposition products

Burning produces carbon monoxide and/or carbon dioxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess the toxicological effects resulting from Exposure to the mixture.

Toxicological information on main components of the mixture:

Glycerol	acute toxicity	LD50 Oral Rat ≥ 2000 mg/kg
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	Irritation	May irritate eyes
	Sensitisation	No sensitising effect known
Further Information	Other relevant toxicity information	Handle in accordance with good industrial hygiene and safety practice.
	Experience with human exposure	Health injuries are not known or expected under normal use

SECTION 12: Ecological information

12.1 Toxicity

Adopt good working practices, so that the product is not released into the environment.

List of Eco-Toxicological properties of the components

Quantity	Component	CAS No	Index No	EC No
≥ 10%	Glycerol	56-81-5		200-289-5

Acute toxicity

LC50 Fish : 5000 mg/l (fish; 96 h) (toxicity to fish)

12.2 Persistence and Biodegradability

Readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation not expected

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

Not available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recover if possible. For disposal comply with local and national regulations.

SECTION 14: Transport information

Not dangerous goods for ADR, RID, IMDG and IATA

14.1 UN Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing Group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

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

IMDG Not applicable

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other Information

Further information

The information provided in this safety data sheet is correct to our knowledge at the date of its revision. The information given only describes the product with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this safety data sheet relates to the specific product designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.