

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Electronics Epoxy TG-LH-EE-90-2-5ML

Revision 0

Revision date 2019-09-18

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

1.1. Product identifier

Product name Electronics Epoxy TG-LH-EE-90-2-5ML

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

Description Electronics Epoxy.

1.3. Details of the supplier of the safety data sheet

Company Address T-Global Technology (Europe and North America) Ltd
Unit 1 and 2 Cosford Business Park
Lutterworth
Leics
LE17 4QU

Telephone 01455 553510

1.4. Emergency telephone number

Emergency telephone number 01455 553510

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xi; R36/38-43 N; R51/53
Symbols: Xi: Irritant. N: Dangerous for the environment.

Main hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Symbols Xi: Irritant. N: Dangerous for the environment.



Risk phrases R36/38 - Irritating to eyes and skin.
R43 - May cause sensitisation by skin contact.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases S24 - Avoid contact with skin.
S29 - Do not empty into drains.
S37 - Wear suitable gloves.

2.3. Other hazards

Other hazards No data available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Epoxy resin		25085-99-8			50 - 60%	Xi; R36/38-43 N; R51/53
Quartz (Silica, fused respirable dust)		60676-86-0	262-373-8		20 - 30%	
Titanium (IV) oxide (Titanium dioxide total inhalable)		13463-67-7	236-675-5		1 - 10%	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). DO NOT INDUCE VOMITING.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Get medical advice/attention if you feel unwell.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear self contained breathing apparatus and protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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6.4. Reference to other sections

	See section 13. DISPOSAL CONSIDERATIONS for further information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

No data is available on this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Quartz (Silica, fused respirable dust)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 0.08
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Titanium (IV) oxide (Titanium dioxide respirable)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 4
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Titanium (IV) oxide (Titanium dioxide total inhalable)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective equipment.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs. Wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Paste
Colour	Brown
Odour	Slight
pH	No data available
Melting point	No data available
Freezing Point	No data available
Boiling point	> 200 °C
Flash point	> 250 °C
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.18 - 1.25 (Water = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	460 °C
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	No data available

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data is available on this product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.

SECTION 12: Ecological information

12.1. Toxicity

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12.1. Toxicity	
	No data available
12.2. Persistence and degradability	
	No data is available on this product.
12.3. Bioaccumulative potential	
	No data is available on this product.
12.4. Mobility in soil	
	No data is available on this product.
12.5. Results of PBT and vPvB assessment	
	No data is available on this product.
12.6. Other adverse effects	
	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
	Do not empty into drains; dispose of this material and its container in a safe way.
General information	
	Dispose of in compliance with all local and national regulations.
Disposal methods	
	Contact a licensed waste disposal company.
SECTION 14: Transport information	
Hazard pictograms	
	The image shows two hazard pictograms side-by-side. The first is GHS09, a diamond-shaped pictogram with a black border, a white background, and a black diagonal line from the top-left to the bottom-right. The upper triangle is filled with vertical black bars, and the number '9' is at the bottom. The second is GHS07, a diamond-shaped pictogram with a black border, a white background, and a black silhouette of a dead tree and a dead fish.
14.1. UN number	
	UN3082
14.2. UN proper shipping name	
	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)
14.3. Transport hazard class(es)	
ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-
14.4. Packing group	
Packing group	III
14.5. Environmental hazards	
Environmental hazards	Yes
Marine pollutant	Yes
14.6. Special precautions for user	
	No data is available on this product.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	

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

	No data is available on this product.
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ADR/RID

Hazard ID	90
Tunnel Category	(E)

IMDG

EmS Code	F-A S-F
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IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

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

	<p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>
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15.2. Chemical safety assessment

	No data available.
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	<p>R36/38 - Irritating to eyes and skin.</p> <p>R43 - May cause sensitisation by skin contact.</p> <p>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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