

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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

1.1. Product identifier

Trade name/designation:

QZF-EL

Additional information:

This safety data sheet is according to Regulation (EC) No. 1907/2006 (REACH) including amending Regulation (EC) No. 2015/830

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

Use of the substance/mixture:

Thermoplastic adhesive

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Questor Transfer Technology

7 Koronis Str - Peristeri

Athens - 12133 - Greece

Telephone: +30 210 5773050

E-mail: questor@questor.gr

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling:

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Special rules for supplemental label elements for certain mixtures:

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards

Other adverse effects:

No risks worthy of mention.

SECTION 3: Composition / information on ingredients

3.1. Substances

Description:

Polyurethane

SECTION 4: First aid measures

4.1. Description of first aid measures

Following inhalation:

In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with molten product, cool skin area rapidly with cold water.

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After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion:

Rinse mouth. Get medical advice/attention.

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

Refer to chapter 11.

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

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing powder Water spray Carbon dioxide (CO₂)

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides (NO_x) Carbon dioxide (CO₂) Carbon monoxide

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid dust formation. Wear personal protection equipment.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Take up dust-free and set down dust-free.

6.4. Reference to other sections

No data available

6.5. Additional information

See section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. Avoid dust formation.

Fire prevent measures:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Explosive dust-air mixtures may form.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Store in a cool dry place. Keep away from heat.

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Storage class: 11 – Combustible solids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

Recommendation:
refer to chapter 1.1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Tightly sealed safety glasses.

Skin protection:

Hand protection: Wear suitable gloves.

Respiratory protection:

dust formation Half-mask with filter according to EN 149.

Other protection measures:

Protective clothing: Wear antistatic work clothing.

8.2.3. Environmental exposure controls

No data available

8.3. Additional information

A: respirable fraction, Limit value: 1.25 mg/m³

E: inhalable fraction, Limit value: 10 mg/m³

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Powder

Colour: white

Odour: characteristic

Safety relevant basis data

parameter		at °C	Method	Remark
pH	not determined			
Melting point	110 – 120 °C		DSC	
Freezing point	not determined			
Initial boiling point and boiling range	not determined			
Decomposition temperature	not determined			
Flash point	not determined			
Evaporation rate	not determined			
Auto-ignition temperature	> 350 °C			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Density	> 1 g/cm ³	20 °C		
Bulk density	not determined			
Water solubility	not determined			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	not determined			

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parameter		at °C	Method	Remark
Kinematic viscosity	not determined			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is considered stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed.

10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials

Humidity

10.6. Hazardous decomposition products

No decomposition if handled as prescribed. Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

-

Acute dermal toxicity:

-

Acute inhalation toxicity:

-

Skin corrosion/irritation:

Inhalation of dust may cause irritation of the respiratory system.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

No data available

12.2. Persistence and degradability

Additional information:

Further ecological information: According to experiences this product is inert and not degradable.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4. Mobility in soil

not applicable

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

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

not relevant

SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

No data available

Restrictions of occupation

-

Water hazard class (WGK)

Remark:

non-hazardous to water (nwg)

Other regulations, restrictions and prohibition regulations

USA: Substance/product listed in the following inventories: TSCA

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

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16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

No data available