

Elan-tech® PC 38 bianco

Version 1.1 SDB_GB

Revision Date 04.01.2013

Print Date 01.12.2014

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Elan-tech® PC 38 bianco

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

Use of the Substance/Mixture : Casting Resin

1.3 Details of the supplier of the safety data sheet

Company : ELANTAS Italia S.r.l.
Strada Antolini 1
43044 Collecchio
Italy
Telephone : +3907363081
Telefax : +390736402746
E-mail address : msds.elantas.italia@altana.com

1.4 Emergency telephone number

+39 (0)736 3081 (8-17 h)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Labelling according to EC Directives (1999/45/EC)

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

3. Composition/information on ingredients

3.2 Mixtures

Chemical nature : Polyether/polyester polyol based mixture

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Glyceryl polypropylene	25791-96-2	Xn; R22	Acute Tox. 4; H302	>= 20 - < 25

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glycol ether				
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For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Do not wash off with:
Cleansing agents, acidic.
Before washing use a dry brush to remove dust from skin.
Do NOT use solvents or thinners.
- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

5. Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Burning produces irritant fumes.

5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.
- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Evacuate personnel to safe areas.
Refer to protective measures listed in sections 7 and 8.

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Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Only qualified personnel equipped with suitable protective equipment may intervene.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.

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

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

Other data : No decomposition if stored and applied as directed.

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Eye protection : Safety glasses

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Skin and body protection : Protective suit
Hygiene measures : General industrial hygiene practice.

Environmental exposure controls

General advice : If the product contaminates rivers and lakes or drains inform respective authorities.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid
Colour : white
Odour : slight
Flash point : 200 °C
: > 200 °C
Density : 1,055 g/cm³
at 25 °C
Viscosity, dynamic : 1.000 - 1.600 mPa.s
at 25 °C

10. Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions., No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : no data available

10.5 Incompatible materials

10.6 Hazardous decomposition products

Hazardous decomposition products : Stable under normal conditions.
This product may release the following:
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

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11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : no data available

Skin corrosion/irritation

Skin irritation : no data available

Serious eye damage/eye irritation

Eye irritation : no data available

Respiratory or skin sensitization

Sensitisation : no data available

Target Organ Systemic Toxicant - Repeated exposure

: no data available

Further information

: no data available

12. Ecological information

12.1 Toxicity

Toxicity to fish :
no data available

Toxicity to daphnia and other : no data available
aquatic invertebrates

12.2 Persistence and degradability

Biodegradability : no data available

12.3 Bioaccumulative potential

Bioaccumulation : no data available

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

Additional ecological : no data available
information

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13. Disposal considerations

13.1 Waste treatment methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

Land transport

ADR / RID:

Not dangerous goods

Sea transport

IMDG:

Not dangerous goods

Air transport

IATA-DGR :

Not dangerous goods

15. Regulatory information

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

Major Accident Hazard : 96/82/EC Update: 2003
Legislation Directive 96/82/EC does not apply

15.2 Chemical Safety Assessment

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R22 Harmful if swallowed.

Full text of H-Statements referred to under sections 2 and 3.

H302 Harmful if swallowed.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.
