



GUROFLEX MV Component A - resin

Page 1 of 4

EG-Safety Data Sheet according to REACH VO(EG) 1907/2006

0 Data Sheet Information

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1 Identification of the Substance / Mixture and of the Company

Commercial Name: **GUROFLEX MV
Component A - resin**

Designated Use: cold applied two-component potting and casting resin

Company: Tyco Electronics Raychem GmbH **Phone:** +49 (0) 35 36 54 47 40-0
Fax: +49 (0) 35 36 54 47 40-40

Address: Factory Falkenberg
Hellsternstrasse 1
04895 Schmerkendorf
Germany

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2 Hazards Identification

Not classified according to Directive 1999/45/EC and CLP Regulation No. 1272/2008/EC.

Specific hazards according to Human and Environment: Material has no hazard under normal working conditions.

3 Composition / Information of Ingredients

Filled modified hydrocarbon resin

Hazardous Ingredients :

Substance:	CAS-No.:	EG-No.:	Weight %:	Symbol:
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4 First-Aid Measures

General Advice:	Remove contaminated clothing immediately and wash thoroughly before reuse.
Inhalation of Aerosols or Vapour in High Concentration:	Apply fresh air; consult medical attention in case of discomfort.
Skin Contact:	First wipe off, then wash thoroughly with water and soap. Apply skin cream.
Eye Contact:	In case of eye contact, immediately hold eyelids apart and rinse thoroughly with plenty of water for at least 15 minutes. Immediate medical attention required.
Ingestion:	Avoid vomiting, wash mouth thoroughly, drink plenty of water, consult medical attention.
Advice for Physician:	---

5 Fire-Fighting Measures

Suitable Extinguishing Media:	Dry powder, foam, CO ₂
Special Exposure Hazards:	Carbon monoxide and carbon dioxide may be released in case of fire.
Protective Measures:	Wear self contained breathing apparatus in close proximity or confined spaces. Fire-fighters must wear fire resistant personnel protective equipment.
Other Precautions:	Do not let contaminated fire fighting water enter drains. In case of surrounding fire, cool containers with water and remove them from danger zone if possible.

6 Accidental Release Measures

Personal Precautions:	Provide ventilation.
Environmental Precautions:	Prevent discharges into soils, waters, sewers or drains.
Methods for Cleaning Up:	Soak up with inert absorbent material (e.g. sand, sawdust, oil absorber). Collect and dispose of in accordance with local regulation (see section 13).
Recommended cleaning agents:	gasoline, petroleum, solvent

7 Handling and Storage

Handling:	Good ventilation is to be provided/ installed at the working place.
Fire and Explosion Protection:	Keep away from ignition sources.
Storage:	Store in closed container in dry, well-ventilated and cold area. Keep separated from food.
Storage Temperature:	-20 °C to +40 °C
Recommended Storage Temperature:	~ +25 °C

8 Exposure Control and Personal Protection

Exposure limits for the occurrence of respirable aerosols:

Atmospheric Workplace Control Parameter TRGS 900:

substance:	CAS-Nr.:	Type:	Value:	Unit:
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Exposure limits:

Product does not contain relevant amounts of substances that are subject to working place monitoring.

Personal Protection:

Respect the normal rules of industrial hygiene.

Respiratory Protection:

Negligible

Eye Protection:

Wear tightly fitting safety goggles.

Hand Protection:

In case of a potential skin contact the use of PE gloves for single use give sufficient protection. These gloves resist penetration for more than 30 min. Damaged gloves should be replaced. Normally used protective clothing when handling with chemicals.

Body Protection:

General Protective Measures:

Respect normal rules of industrial hygiene. Do not eat, drink or smoke during work. Keep food separated. Wash hands thoroughly before breaks and after work. Avoid contact with eyes, skin and clothing. Do not inhale vapours.

9 Physical and Chemical Properties

Appearance:

viscous

Colour:

beige

Odour:

specific

Aggregate State Modification:

Melting Point:

n.a.

Boiling Point:

n.d.

Flash Point:

> 150 °C

Ignition Temperature:

n.d.

Lower Explosion Limit (Vol-%):

n.a.

Upper Explosion Limit (Vol-%):

n.a.

Vapour Pressure (50 °C):

n.d.

Density at 23 °C (EN ISO 1183-1):

1.23 g/cm³

Viscosity at 20 °C (DIN 53019):

ca. 4,5 Pa·s

Solubility:

very low in water

n. d.: not determined

n.a.: not applicable

10 Stability and Reactivity

Conditions to Avoid:	Excessive temperatures. Decomposition begins at ca. 200 °C.
Materials to Avoid:	Avoid storage with flammable materials.
Dangerous Reactions:	No dangerous reaction when handled and stored properly.
Hazardous Decomposition Products:	No dangerous decomposition product when handled and stored properly. In case of fire carbon monoxide and carbon dioxide may be released.

11 Toxicological Information

Acute Toxicity:	
Experiences with Humans:	No health effects are known, if the normal rules of industrial hygiene are respected.
Practical Experiences:	The product may cause irritations by skin or eye contact.
Sensitization:	No effects are known.
Additional Information:	According to our present knowledge no adverse health effects are to be expected if handled properly and for the intended use only.

12 Ecological Information

General information:	Does not contain any heavy metals or PCB.
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13 Disposal Considerations

Recommendation:	Dispose of in compliance with local/federal regulation.
Accountability:	Consider the local regulations.
Residues / void containers (recommendation):	Mix residues of resin with hardener in order to cure. Cured resin and empty containers may be added to domestic waste.

14 Transport Information

Not classified as dangerous goods according to transport regulations (for land transport ADR / RID, inland waterway transport ADN/ADNR, sea transport IMDG, air transport IATA).

15 Regulatory Information

Not classified according to Directive 1999/45/EC and CLP Regulation No. 1272/2008/EC.
Water Hazard class: 2 (water hazard)

16 Other Information

The information given in this Safety Data Sheet is correct to the best of our knowledge, experience and believe at the date of its publication. The information provided is designated only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as warranty or quality specification. The information only relates to the specific material and use designated and may not be valid for combinations with any other materials or in any process, unless specified in the text.