



MATERIAL SAFETY DATA SHEET accordingly to Regulation (EC) No.1907/2006

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Etelec S.p.a. Via D. De Roberto, 44 80143 Naples – Italy
Tel. +39 081 5846610 Fax +39 081 2587166

Product Name: MP-GEL, MPSG (see pag.3 for packaging and commercial name)

Product Use: Filling insulating material.

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Identification of the substance: Polydimethylsiloxane with functional groups

SECTION 3 – HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: Not classified as hazardous material in accordance with Directive 67/548/CEE or 1999/45/CE
There are not special instructions for hazard to endanger human health and the environment

SECTION 4 – FIRST AID MEASURES

Eye Contact: Rinse immediately with plenty of abundant water. Get medical attention if symptoms occur.

Skin Contact: There are not risks for the health due to the contact with the product. Remove the product and rinse with water and soap.

Inhalation: Harmless.

Ingestion: Ingestion is not an expected route of entry in industrial or commercial uses.
In case of ingestion wash mouth thoroughly and get prompt medical attention .

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point (Setaflash closed cup)	>176 °C
Extinguishing Media	All extinguishing methods are good.

ETELEC S.p.A.

Via D. de Roberto, 44 - 80143 NAPOLI - Tel. +39 0815846610 +39 0815848659 - Fax +39 0812587166
Capitale 500.000,00 € i.v.- R.I. NA 03414101216 - REA: NA 620357 - C.F. 03414101216 - P. IVA: IT 01438530394
www.etelec.it etelec@etelec.it





SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: No special provisions are required or personal protection equipment . Sweep away from the floor with inert material (sand or sawdust f.i.) to avoid sliding. Wear sensible industrial clothing and launder after use. Do not empty into drains.

SECTION 7 – HANDLING AND STORAGE

HANDLING: No specific handling precautions.

STORAGE: Store in well-ventilated areas. Do not puncture, drag or slide container.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Sufficient ventilation in pattern and volume should be provided in order to maintain air contaminate levels below recommended exposure limits.

RESPIRATORY PROTECTION: No specific recommendations made.

SKIN PROTECTION: No specific recommendations made. Use neoprene, nitrile, or rubber gloves to prevent skin contact.

EYE PROTECTION: Use safety eye-wear including safety glasses with side shields.

HYGIENIC PRACTICES: Wash hands thoroughly before eating, smoking or using the toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Transparent
Physical State	liquid
Odour	None
Flash Point (DIN 51755)	>176 °C
Density	0,97 g/cm ³

SECTION 10 – STABILITY AND REACTIVITY

No decomposition if stored and used as indicated.

SECTION 11 – TOXICOLOGICAL PROPERTIES

The product can be used without danger for human health.



SECTION 12 – ECOLOGICAL INFORMATION

Not regarded as dangerous to the environment .

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: No specific recommendations. Follow local authority guidelines .

SECTION 14 – TRANSPORTATION INFORMATION

DOT Shipping Name	Not classified
DOT Hazard Class	Not classified

This product is not classified as hazardous.

SECTION 15 – LABELLING

Accordingly to Directive CE 1999/45/CE

SECTION 16 – OTHER INFORMATION

The product is intended for use by skilled or experienced personnel for the intended application as recommended by us.

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and the Buyer may rely thereon only at the buyer's risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and/or situations involving its handling and use.

Commercial names and packaging

- **MPGEL-100** 2 bottles x 0,5 litres ;
- **MPGEL-1000** 2 tanks x 5 litres ;
- **MPSG170** Two components sachet 170 gr
- **MPSG240** Two components sachet 240 gr
- **MPSG420** Two components sachet 420 gr
- **MPSG600** Two components sachet 600 gr

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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Etelec S.p.a. Via D. De Roberto, 44 80143 Naples – Italy
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Product Name: **SHARK** (see pag. 4 for full range commercial name)

Product Use: Gel insulated low voltage joints

SECTION 2 – HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: Not classified as hazardous material in accordance with Directive 67/548/CEE or 1999/45/CE
There are not special instructions for hazard to endanger human health and the environment

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Identification of the substance:

- **Inside insulating gel:** Polydimethylsiloxane with functional groups
- **External shell:** Ultra-high impact polypropylene copolymer self extinguishing V2

SECTION 4 – FIRST AID MEASURES

Eye Contact: There are not risks for the health due to the contact with the product. Rinse with water and soap.

Skin Contact: There are not risks for the health due to the contact with the product. Remove the product and rinse with water and soap.

Inhalation: Harmless.

Ingestion: Ingestion is not an expected route of entry in industrial or commercial uses. In case of ingestion wash mouth thoroughly and get prompt medical attention .



SECTION 5 – FIRE FIGHTING MEASURES

- Extinguishing Media :** All extinguishing methods are good.
- Further information:** Use standard firefighting equipment and consider the hazards of the other involved materials.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Accidental release release is not expected

SECTION 7 – HANDLING AND STORAGE

- Handling:** No specific handling precautions.
- Storage:** No specific handling precautions.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering controls:** No specific recommendations made.
- Respiratory protection:** No specific recommendations made.
- Skin protection:** No specific recommendations made.
- Eye protection:** No specific recommendations made.

HYGIENIC PRACTICES: Wash hands thoroughly before eating, smoking or using the toilet facility. Do not smoke in any chemical handling or storage area.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Inside insulating gel:

Appearance	Blue
Physical State	gel
Odour	None
Flash Point (DIN 51376)	>200 °C
Ignition point (DIN 51794)	>450 °C
Density	0,97 g/cm ³



External shell:

Appearance	Blue
Physical State	solid
Odour	None
Flammability at 1,6 mm nominal thickness	V2 class
Flammability by oxygen index :	25 %
Density	0,95 g/cm ³

SECTION 10 – STABILITY AND REACTIVITY

No decomposition if stored and used as indicated.

SECTION 11 – TOXICOLOGICAL PROPERTIES

The product can be used without danger for human health.

SECTION 12 – ECOLOGICAL INFORMATION

Not regarded as dangerous to the environment .

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods: No specific recommendations. Follow local authority guidelines .

SECTION 14 – TRANSPORTATION INFORMATION

DOT Shipping Name	Not classified
DOT Hazard Class	Not classified

This product is not classified as hazardous.

SECTION 15 – LABELLING

Accordingly to Directive CE 1999/45/CE

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SECTION 16 – OTHER INFORMATION

The product is intended for use by skilled or experienced personnel for the intended application as recommended by us.

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Full range commercial names :

- **SHARK 125**
- **SHARK 150**
- **SHARK406**
- **SHARK 410**
- **SHARK 416**
- **SHARK 425**
- **SHARK 435**
- **SHARK 506**
- **SHARK 516**
- **SHARK 150Y**
- **SHARK 516 Y**
- **SHARK 535 Y**

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