

MATERIAL SAFETY DATA SHEET according to 2001/58/EC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

1.1 Identification of the substance/ preparation Tender Fibers Zero
1.2 Application of the substance / the preparation Reinforcement temporary fibers
1.3 Identification of the company MICERIUM SpA Via G. Marconi, 83 16030 AVEGNO (GE) ITALIA
1.4 Emergency Info: +39 0185 7887870

2. COMPOSITION / INFORMATION ON INGREDIENTS

Common name of the component	IUPAC Denomination	Phrases R	CAS number	Concentration	OSHA PEL	ACGIH TLV
Omopolimer Poliethilen	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

This product doesn't contain hazardous material (for Phrases R see sez. 16)

3. HAZARDOUS IDENTIFICATION

Most important hazards n.a.
Eyes: Irritation
Skin: Irritation
Inhalation: n.a.
Ingestion: Low toxicity
Exposure effects n.a.
Chronic effects: n.a.

4. FIRST-AID MEASURES

After eye contact: n.a.
After skin contact: n.a.
After inhalation: n.a.
After swallowing: Consult a doctor

5. FIRE-FIGHTING MEASURES

Extinguishing media that should not be used for safety reasons All the traditional extinguishing agents
Exposure hazard to substance / preparation none
Fire or explosion hazards (conditions to avoid) n.a.
Protective equipment for fire fighters Wear self contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions n.a.
Measures for environmental protection Mechanical ventilation should be used to remove any dusts or vapors that might be generated by processing
Measures for cleaning/collecting: Sweep up, pick up and place in a container for storage

7. HANDLING AND STORAGE

7.1 Handling: No special requirements. Fibers are very difficult to cut with scissors or knives. Do not try to break fibers with bare hands
7.2 Storage: No special storage requirements
7.3 Special uses: n.a.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Limits of values for exposure n.a.
8.2 Exposure controls A dust mask should be used if dusty conditions are generated
8.2.1 Professional Exposure Control
8.2.1.2 Protection of hands: Protective cotton gloves
8.2.1.3 Protection of eyes: Safety glasses are recommended during processes
8.2.1.4 Protection of skin: n.a.
8.2.2 Environmental Exposure control n.a.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information
Form: filament
Physical state and Colour: solid with natural colour
Odour: n.a.

9.2 Important informations on human health, safety and environment

PH: n.a.
Boiling point: n.a.
Flash point: n.a.
Flammability:
Danger of explosion: n.a.
Combustion property: n.a.
Vapor pressure: n.a.
Density: n.a.
Solubility
Hydrosolubility: insoluble
Liposolubility (solvent - fat): n.a.
Ripartition coefficient: n.a.
Viscosity: n.a.
Vapor density : n.a.

9.3.1 Other informations
Miscibility in: n.a.
Conductivity: n.a.

Melting point: 147 °C.
Gas group: n.a.
Autoignition temperature: n.a.

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10. STABILITY AND REACTIVITY

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10.1 Conditions to be avoided Stable and lost material n.a.
10.2 Materials to be avoided Strong oxidizing agents n.a.
10.3 Dangerous decomposition products: Thermal decomposition expected to yield CO and CO₂ and various oxidized and no-oxidized hydrocarbons

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11. TOXICOLOGICAL INFORMATION

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Toxicological effects from exposure to substance and preparation n.a.
Primary irritant effect:
- on the skin/ on the eye n.a.
- inhalation n.a.
- ingestion n.a.
Sensitization of product: n.a.

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12. ECOLOGICAL INFORMATION

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12.1 Ecotoxicity (water toxicity, acute and cronical) n.a.
12.2 Mobility: n.a.
- known or presumed distribution of environmental departments n.a.
- Surface's tension n.a.
- permeability / depermeability n.a.
12.3 Persistence and degradability n.a.
12.4 Potential of build up n.a.
12.5 Other adverse events n.a.

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13. DISPOSAL CONSIDERATION

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Dispose in accordance with Federal, State and Local regulations as nonhazardous waste

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14. TRANSPORT INFORMATION

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Maritime transport (IMDG): n.a.
Land transport (ADR/RID): n.a.
Air transport (ICAO / IATA): n.a.
UN number / exact shipment denomination / packaging n.a.
Additional information

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15. REGULATORY INFORMATION

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Italian laws: D. Lgs 97/52 and D. Lgs 94/ 626 e ss.mm.

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16. OTHER INFORMATION

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Symbols and Indication of Danger (Phrases S and R): n.a.

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Further informations: n.a.

Revision Summary: No revisions have been made.

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na= not applicable