

Material Safety Data Sheet (Black Viscose)

Trade name: Black Viscose Fibre

1. Manufacture's Name and Contact Information

CONFIDENTIAL

2. Composition / information on ingredients

Material Name	CAS Number	Content(%)
Viscose	61788-77-0	95
Carbon Black	1333-86-4	≥ 4.5
Fiber finishing oil	mixture	≤ 0.5

Physical nature: Cut fibres with diameters of 1.5 dtex X 38 mm, black color

Preparation on the fibre: inorganic and organic chemicals (total amount max. 0.5 % of weight), which are indispensable for processing

3. Hazards identification

Skin contact: Contact with fibre may cause mechanical irritation of skin.

Inhalation: Some individuals, e.g. with asthma or bronchitis, are likely to be intolerant of high concentrations of airborne fibres or fibre dust when processing.

Skin Absorption: None known

Eye Contact: Fibres or fibre dust may cause irritation or scratch the surface of the eyes.

Ingestion: None known.

4. First-aid measures

Inhalation: Remove to fresh air if effects occur and should seek medical attention if coughing or other symptoms occur.

Skin : Wash off with soap and water

Eyes : Flush with water to remove particles

Ingestion: No treatment required (no harm).

5. Fire-fighting measures

Flash Point: NA, Decomposition temperature is greater than 175 °C

Autoignition Temperature: 420°C

Flammable Limits in Air, % Volume: Not determined

Fire extinguishing agents: All usual extinguishing media may be used

Restrictions: No restrictions

Special fire-fight Procedures: Avoid excessive inhalation of smoke or potential thermal decomposition products. Wear self contained breathing apparatus

Unusual Fire & Explosion Hazard: None

6. Accidental release measures

Aquatic Toxicity: None known

Steps to be taken if material is released or spilled: sweep or vacuum up and place in a waste disposal container to an approved landfill or reuse.

Neutralizing Chemicals: Not applicable

7. Handling and storage

Precautionary Statements: No special handling has been shown to be necessary

Other handling & storage requirement: Do not store near flame or incompatible materials. Maintain good housekeeping to control dust accumulations.

8. Exposure controls and personal protection

Components with occupational exposure limits: none

Industrial hygiene: No special risks if handled in accordance with good industrial hygiene practice and any legal requirements.

Personal protection: Dust mask, protecting goggles

9. Physical and chemical properties:

Appearance: Form: short fibres

Color: black

Odor: none

Boiling point: Does not boil

Melting point: Does not melt

Density: [g/cm³]: 1.5

Chemical Formula: (C₆H₁₂O₆)_n

Vapor pressure: Not applicable

Solubility in water: Not soluble

Evaporation Rate: Not applicable

pH Not applicable

10. Stability and reactivity

Incompatibilities: Tends to decompose in strong acids & bases

Condition Contributing to Instability: Contact with flame; temperatures above 300 C

Hazardous Decomposition Products: Thermal decomposition products may include CO, ethylene glycol and other C, H and O compounds varying in chemical structure and molecular weight.

Conditions Contributing to Hazardous Polymerization: Hazardous polymerization will not occur.

Polymerization:

11. Toxicological information

The fibre product is not toxic.

12. Ecological information

Aquatic Toxicity: None known

13. Disposal considerations

Waster Disposal Method: Dispose of in accordance with applicable governmental non-hazardous solid waste regulations.

Steps to be taken if material is released or spilled: sweep up and place in a waste disposal container

14. Transport information

Not special requirement.

15. Regulatory information

Classification and labeling

Not classified as hazardous (regulation EEC and others)

16. Other information

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