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1. Identification of the substance / preparation and of the company

Commercial name: FLOCK RAYON VISCOSE

Use: Electrostatic, pneumatic and/or mechanical flocking

Manufacturer/distributor:
 Company name Velutex Flock, S.A.
 Avinguda Sant Julià 129-131 (Polígon Congost)
 08400 Granollers
 Barcelona (Spain)
 Tel: (34) 93 861 79 20
 Fax: (34) 93 840 13 95

2. Hazards identification

Potential health effects

This product is not considered hazardous if general standards for industrial hygiene are respected. Processing and using the flock can produce fibre fly, to avoid the risk of inhalation reduce potential exposure. Some individuals, e.g. with asthma or bronchitis or similar respiratory sensitivity, may be intolerant to high concentrations of fibre in air. If particles contact the eye, mechanical irritation may result.

Specific Hazards

Accumulated fibres can lead to a fire hazard.

Cut fibres (flock) / air mixtures may be explosive within a concentration limits in sufficiently high ignition energies (class ST 1).

To work in a safety way, users of flock in electrostatic installation may pay attention to German norms BGI 764 (ZH 1/169) and European regulations EN 50223 and EN 50050.

3. Composition / Information about components

Chemical composition

Product (polymer) based on Cellulose CAS Nr. 68442-85-3..

Physical nature

Short and loose fibres.

4. First aid measures

Inhalation

No specification.

Eyes

In case of contact, immediately flush eyes plenty of water for at least 15 minutes. Call a physician if symptoms persist.


Skin

Flush skin with water after contact.

In case of fire, the molten product may cause burns. Rinse thoroughly with water. Do not remove clothing as it could stick to the skin. Seek medical assistance immediately.

Ingestion

No specification.

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9. Physical and chemical properties

General information

Shape: short textile fibres
 Colour: raw white and coloured
 Odour: odourless

Data relevant for safety

Melting range: not applicable
 Auto-ignition temperature: near 400°C
 Vapour pressure: not applicable
 Solubility water: Insoluble
 Relative density (20°C): 1,5 g/cm³

10. Stability and reactivity

Conditions to avoid

See point 7.

Incompatibly with other material

Reacts with strong oxidizing agents, alkaline and strong acids.

Degradability

Hazard decomposition see point 5

11. Toxicological information.

No particular risks in normal conditions of industrial hygiene.

12. Ecological information

Mobility: not applicable
 Persistence and degradability : the fibre, being a cellulosic fibre, is biodegradable
 Bioaccumulation: not bioaccumulable, it is degraded on soil under normal conditions.
 Ecotoxicological effects: none

This product is not associated with any known adverse environmental effects.


13. Disposal consideration

The flock product can be disposed as non-hazardous waste in a licensed disposal plant in accordance with local authority's regulations. The material can also be burned in a licensed incineration plant.

14. Transport information

International regulations:

Railway/Road (RID/ADR) not classified as hazardous
 Sea transport (IMO/IMDG) not classified as hazardous
 Air transport (ICAO/IATA) not classified as hazardous

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15. Regulatory information

The product is not a dangerous substance under the terms of national and international regulations and stipulations.

It is not necessary to label or to classify the product according to the EEC directives and others.

16. Other information

Recommended application:

To recover different types of surfaces (plastic, rubber, textile, non-woven, paper, wood, metal, ceramic, glass..) with electrostatic, pneumatic and/or mechanical flocking..

To be mixed with different materials (rubber, plastic, paper, concrete...).

Special use

Consult your supplier if material is not to be used for specific applications such as in the food industry for hygiene, medical or surgical end-use.

Do not use in medical applications involving permanent implantation in the human body.

The information in this safety data sheet for flock refers only to the cut fibre product described herein and not to its use in conjunction with any other substance or in another preparation or product or any other process.

The information provided herein are based in our actually knowledge. However, it is not a guarantee or the properties of the product and any legal warranty is generated.