

EC-Material Safety Data Sheet

Textile Coating, fluorine-free
art. no. 687-1R

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

Commercial name:

Textile Coating, fluorine-free, Ready-to-use, art. no. 687-1R

Producer/supplier:

CCM GmbH

Diepenbroich 8

D-51491 Overath

phone +49 (0) 2206 / 938590-0

fax +49 (0) 2206 / 938590-99

info@ccm-international.eu

Emergency phone No.: Poisson Control Center Mainz, phone +49 (0) 6131 19240

2. Composition/Information on ingredients

Chemical characterization (preparation)

organical functionable Polysilane system

3. Hazards identification

Classification

This preparation is not classified as dangerous according to Directive 1999/45/EC.

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

4. First aid measures

After inhalation

In case of formation of aerosols or mist: Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of Water and soap.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. After ingestion of absorption substances: Consult physician.

Advice to doctor

After ingestion of absorption substances:

Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO₂). Extinguishing powder.

6. Accidental release measures

Personal precautions

Wear personal protection equipment.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed containers for disposal.

7. Handling and storage

Handling

Advice on safe handling

Do not breathe gas/fumes/vapour/spray.

Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

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Keep away from sources of ignition. No smoking.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Storageclass (VCI) : 12

8. Exposure controls/personal protection

Exposure limit values

Exposure controls

Protective and hygiene measures

Provide for good ventilation, when develop aerosols/mist.

Avoid contact with skin and eyes.

Take off immediately all contaminated clothing

When using do not eat, drink or smoke.

Respiratory protection

Respiratory protection required in case of: Exceeding critical value aerosol or mist generation.

Wear suitable breathing apparatus (filter typ ABEK).

Hand protection

Suitable material: Butyl rubber. FKM (Fluoroelastomer (Viton)).

Material thickness: 0.4 – 0.5 mm

penetration time \geq 480 min

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Eye protection

Tightly sealed safety glasses.

9. Physical and chemical properties

General information

Physical state : liquid

Colour : light yellow

Odour : odourless

Important health, safety and environmental information

pH-Value (at 20 °C) : ca. 4 (1000 g/l) Test method

Changes in the physical state

Melting point : - 1° C

Boiling point : 97 - 100 °C

Flash point : > 61 °C

Density (at 20 °C) : 1,00 g/cm³

Water solubility : miscible.

Viscosity / dynamic : 1,6 mPa·s
(at 20 °C)

ASTM D 1120
DIN BS EN 22719
DIN 51757

Other information

Formation of potentially explosive mixtures with: Air.

10. Stability and reactivity

Additional information

No dangerous reactions are known.

11. Toxicological information

Acute toxicity

oral LD50 > 2000 mg/Kg(rat)

inhalant LC50 > 5,5 mg/l / 4h (rat)

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Corrosive and irritant effects

Dermal irritation: Not an irritant.

Irritation of eyes: Irritant effect possible.

Sensitization no danger of sensitization.

12. Ecological information

Ecotoxicity

fish toxicity:

LC50: brachydanio rerio: > 1000 mg/l /96h

LC 0: brachydanio rerio: 1000 mg/l /96h

Persistence and degradability

Biological degradation: 62 % Easily biodegradable (concerning to the criteria of the OECD)

13. Disposal considerations

Advice on disposal

Carry out a burning of hazardous waste according to official regulations.

For this product, the waste identity number according to the European waste catalogue can not be defined because the designated use by the consumer allows the classification first.

Arrange about the exact waste code with the local waste disposal expert.

14. Transport information

Land transport (ADR/RID)

Remarks (land transport)

Not a hazardous material with respect to these transportation regulations.

Inland waterways transport

Remarks (inland waterways transport)

Not a hazardous material with respect to these transportation regulations.

Marine transport

Remarks (marine transport)

Not a hazardous material with respect to these transportation regulations.

Air transport

Remarks (air transport)

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information

Labelling

S phrases

02 Keep out of the reach of children

Additional information on EC regulations

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

National regulations

Water contaminating class : 1 - slightly water contaminating

16. Other information

Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.