

# Safety information sheet

## vinyl wallcovering

2020

### 1. Identification

1.1 Manufacturer	Vescom B.V., Postbus 70, 5750 AB Deurne – Holland t +31 (0)493 315 833, f +31(0)493 310 645 www.vescom.com
1.2 Trade name	Vescom vinyl wallcovering
1.3 Form	solid
1.4 Colour	various
1.5 Odour	mildly sweet

### 2. Composition and information concerning components

Top coat based on softened PVC foil on a cloth or non-woven carrier.

### 3. Risks

Handling softened laminated PVC foils does not involve any special risks.

### 4. First aid measures

If burned, hydrochloric acid fumes (HCl, MAC value: 7 mg/m<sup>3</sup> = 5 ppm) are released in addition to carbon monoxide (CO, MAC value: Ned.1994: 29 mg/m<sup>3</sup> = 25 ppm).

Protection against direct contact with smoke required. Use personal protection gear.

### 5. Fire-fighting measures

5.1 Fire safety	Low inflammability, possible smoke generation.
5.2 Spilling	Not applicable.
5.3 Fire-fighting	Water, CO <sub>2</sub> , powder, foam If burned, hydrochloric acid fumes are released in addition to carbon monoxide. Protect against direct contact with the smoke (MAC value: 5 mg/m <sup>3</sup> ).
5.4 Various	Softened PVC has low inflammability under the emission of corrosive vapours. After a fire, rooms and equipments should be thoroughly cleaned.

### 6. Measures in case of accidental release

Not applicable.

## 7. Handling and storage

- |                 |  |
|-----------------|--|
| 7.1 Precautions | Normal hygienic measures.                                |
| 7.2 Storage     | Between 0°C and 40°C with a maximum air humidity of 80%. |

## 8. Measures for management of exposure/personal protection

- |                              |  |
|------------------------------|--|
| 8.1 Personal protection gear | Not applicable.  |
| 8.2 Breathing apparatus      | Not applicable.  |
| 8.3 Eye protection           | Not applicable.  |
| 8.4 Skin contact             | Dermatological and allergic reactions, hypersensitivity and irritations are not known. |

## 9. Physical and chemical properties

- |                                |  |
|--------------------------------|--|
| 9.1 Thickness                  | 250-800 micron   |
| 9.2 Change of state            | Softening point: > 60°C<br>Decomposition: > 200°C            |
| 9.3 Melt Flow Index            | Not applicable.  |
| 9.4 Density                    | 1.3 - 1.4 gr/cm <sup>3</sup>                                 |
| 9.5 Hardness                   | Not applicable.  |
| 9.6 Vapour pressure            | < 0.001 mbar at 20°C   |
| 9.7 Viscosity                  | Not applicable at 20°C                                       |
| 9.8 Solubility in water        | Not applicable at 20°C                                       |
| Solubility in or softening by  | ketones, esters, THF, methylene, chloride, etc.              |
| 9.9 pH                         | Not applicable.  |
| 9.10 Ignition point            | > 200°C  |
| 9.11 Self ignition temperature | > 300°C  |
| 9.12 Explosion limits          | none   |
| 9.13 Thermal decomposition     | > 200°C  |
| 9.14 Dangerous decomposition   | Carbon monoxide (CO), hydrochloric acid fumes (HCl) products |
| 9.15 Other                     | -  |

## 10. Stability and reactivity

- 10.1 Softened PVC foil in the above-mentioned composition is non-reactive.
- 10.2 It is resistant to high temperatures but should preferably not be stored at temperatures above 40°C. It depends on the quality, but we do not recommend storage and use temperatures below 0° to – 25°C.
- 10.3 The vinyl wallcovering is stable under the action of light, air and UV radiation under normal conditions of use.

## 11. Toxicological information

- 11.1 The softener used is not a hazardous material
- 11.2 Carcinogenic raw materials mentioned in the list issued by the Ministry of Social Affairs and Employment have not been used.
- 11.3 The vinyl wallcovering contains less than 1% Ba and Zn from the stabilisation

system. Some colours contains small quantities of Pb and Cr(VI) from the pigmenting. They are free of Cd and Hg.

11.4 The vinyl chloride residue is less than 1 ppm.

## **12. Ecological information**

- 12.1 Softened vinyl wall covering gradually decomposes into the environment on exposure to the action of air (hydrochloric acid), direct sunlight and UV radiation. However the vinyl wall covering hardly decomposes at all in the earth.
- 12.2 The softeners decompose only very slowly under anaerobic conditions.
- 12.3 Contamination of groundwater due to leakage from dumping locations as a consequence of the extraction of heavy metals has not been found.
- 12.4 It is preferable to remove the plastic from the environment through controlled burning.

## **13. Instructions for disposal**

- 13.1 Contaminated vinyl wall covering may be disposed-off as industrial waste under locally applicable regulations.

## **14. Information concerning transportation**

- 14.1 ADR -
- 14.2 RID -
- 14.3 IMGD -
- 14.4 ICAO -
- 14.5 Other Protect against temperatures above 40°C and below – 10°C.

## **15. Mandatory information under the law**

- 15.1 No further details required.

## **16. Other information**

- 16.1 No further details required.
- 16.2 No remarks.