

# Material Safety Data Sheet

## vinyl upholstery

April 2009

### 1. Identification of product and company

- 1.1 Supplier Vescom B.V.  
P.O Box 70  
5750 AB Deurne – The Netherlands  
t +31 (0)493 315 833  
f +31(0)493 310 645  
www.vescom.com
- 1.2 Product description Vescom Vinyl upholstery

### 2. Identification of hazards

- 2.1 This product does not contain any hazardous components.

### 3. Composition and information about the components

- 3.1 Top and foam layer are made of softened PVC on a cotton/polyester base.

### 4. First aid measures

In case of fire, the product creates carbon monoxide (CO, MAC-value: Ned. 1994: 29 mg/m<sup>3</sup> = 25 ppm) as well as hydrochloric acid vapours (HCl, MAC-value: 7 mg/m<sup>3</sup> = 5 ppm).  
Avoid direct contact with smoke. Use personal protective equipment.

### 5. Fire fighting measures

- 5.1 Fire safety Hardly inflammable, potential smoke development
- 5.2 Fire fighting water, CO<sub>2</sub>, powder, foam  
In case of fire, the product creates carbon monoxide and hydrochloric acid vapours. Protection is needed against direct contact with smoke.
- 5.3 Miscellaneous Softened PVC is hardly inflammable, but it releases corrosive vapours. Following a fire, all rooms and machinery must be thoroughly cleaned.

### 6. Measures in case of accidental release

Not applicable

## **7. Handling and storage**

- |     |         |   |
|-----|---------|---|
| 7.1 | Care    | No special care necessary                         |
| 7.2 | Storage | Between 0°C and 40°C with maximum humidity of 80% |

## **8. Measures in case of exposure / personal protection**

- |     |                      |  |
|-----|----------------------|--|
| 8.1 | Personal protection  | Not necessary  |
| 8.2 | Breathing protection | Not necessary  |
| 8.3 | Eye protection       | Not necessary  |
| 8.4 | Skin contact         | Dermatological and allergic reactions, over-sensitiveness and irritations are not known. |

## **9. Physical and chemical properties**

- |      |                                  |   |
|------|----------------------------------|---|
| 9.1  | Thickness                        | 800-100 micron                                    |
| 9.2  | Change of state                  | Softening point: > 60°C, Decomposition: > 200°C   |
| 9.3  | Density                          | Around 0.8 gr/cm <sup>3</sup>                     |
| 9.4  | Moisture pressure                | < 0.001 mbar at 20°C                              |
| 9.5  | Viscosity                        | Not applicable                                    |
| 9.6  | Solubility in water              | Not applicable                                    |
|      | Soluble or softened by           | ketons, esters, THF, methylene chloride, etc.     |
| 9.7  | pH                               | Not applicable                                    |
| 9.8  | Flash point                      | > 200°C   |
| 9.9  | Self-ignition temperature        | > 300°C   |
| 9.10 | Explosion limits                 | None  |
| 9.11 | Thermal decomposition            | > 200°C   |
| 9.12 | Hazardous decomposition products | Carbon monoxide (CO), hydrochloric acid gas (HCl) |

## **10. Stability and reactivity**

- |      |  |
|------|--|
| 10.1 | Softened PVC compound in the composition stated above does not react.  |
| 10.2 | Can withstand high temperatures; nevertheless should preferably not be stored in temperature above 40°C. Depending on the storage quality and application, it is recommended not to store at temperatures of 0°C to -25°C. |
| 10.3 | Under normal usage conditions, vinyl upholstery is stable against the effects of light, air and UV radiation.  |

## **11. Toxicological information**

- |      |   |
|------|---|
| 11.1 | The softening agents applied are not carcinogenic or irritating.  |
| 11.2 | There is no application of carcinogenic materials listed by the Ministry of Social Affairs and Employment.                |
| 11.3 | Vinyl upholstery contains less than 1% Ba and Zn, which are listed in the stabilizer system. It is free of Pb, Cd and Hg. |
| 11.4 | The vinyl chloride residual content is below 1 ppm.   |

## **12. Ecological information**

- 12.1 Exposure to air (oxygen), direct sunlight or UV radiation can disintegrate softened vinyl upholstery slowly in the environment. When covered with soil however, the upholstery hardly disintegrates.
- 12.2 Softeners break down under anaerobe conditions very slowly.
- 12.3 Contamination of ground water as a result leakage in dumps that comes from extraction of heavy metals was not observed.
- 12.4 The preferred method of removing this material from the environment is by means of controlled incineration.

## **13. Instructions for disposal**

- 13.1 Contaminated vinyl upholstery can be disposed as commercial waste in compliance with the applicable local regulations.

## **14. Information about transport**

- 14.1 ADR -
- 14.2 RID -
- 14.3 IMDG -
- 14.4 ICAO -

## **15. Statutory information**

- 15.1 No further reports necessary

## **16. Additional information**

None

The information in this Material Safety Data Sheet is based on the knowledge in the fields of safety and the environment at the time of drafting this document. The information in this Material Safety Data Sheet is only applicable when using the product as described in Item 1.

This Material Safety Data Sheet is drafted in accordance with EG 1907/2006.