



CROWN GENERAL

QUALITY FOAM SINCE 1965

Product Safety Information

Product name: Heavy mass solid vinyl

Reviewed on: 01.07.2018

Supplier:

CROWN GENERAL NV

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1. Identification of the chemical product and the company

Product: Heavy mass solid vinyl

Product description: solid, filled, non-volatile mass

Remarks:

The company Crown General is producer of articles (REACH Art. 3 No. 4). An article is defined as an "object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition" (REACH Art. 3 No. 3). For articles or substances in an article no Material Safety Data Sheets (MSDS) need to be prepared (REACH Art. 31).

With this Product Safety Information Crown General fulfils its information obligation according to REACH Art. 33.

2. Composition and data of the components

Plasticised P.V.C.

3. Reach (SVHC)

According to our current knowledge, our vinyl foam does not contain any ingredients which are harmful to human health/environment in a concentration of more than 0.1%.

Concerning ADCA, this foaming agent has been included in the candidate list. A concentration above 0.1% gives us the obligation to provide enough information to allow the safe use. ADCA is a usual chemical foaming agent applied in foam production, PVC, PE, PP,..., because it decomposes thermally to more than 99.9% to generate gas (mainly nitrogen).

Our production process complies with the generally recognised code of good practice whereby the temperature in our process is higher than the decomposition temperature of ADCA. Therefore we expect that our foams contain less than 0.1% of ADCA rest contents. However, any ADCA rest contents (traces) are embedded in the polymer matrix and will not be released under usual circumstances.

The determination of ADCA rest contents is a very complex matter, in the current state of science no standard analytical method is available.

4. Hazards – identification

No danger at normal use.

In case of fire the product releases suffocated and corroded vapours.

5. First aid measures

Only applicable in case of fire:

Gas inhalation: remove the patient from the exposed zone and invoke medical help.

6. Fire-fighting instructions

Procedures:

- Use water to cool off the surfaces exposed to the fire and to protect the personnel.
- Turn off the fuel supply.

Special precautions:

- Avoid inhalation of the fumes by means of the appropriate protection.
- Dangerous product of combustion: emission of chlorine gas.

7. Measures by accidental emission

Not applicable.

8. Handling and storage

Transport and storage at ambient temperatures.

9. Measures by exposure/personal protection

Not applicable.

10. Physical and chemical data

Solid completely reacted material.

Density: 1900 – 2200 kg/m³.

Solubility in water: not soluble.

11. Stability and reactivity

Very stable product. By normal use no decomposition products.

12. Toxicological indication

No danger at normal use.
In case of fire: see point 6.

13. Ecological indication

Very stable, no biological decomposition.

14. Information for disposal

Not applicable.

15. Transport indication

Not applicable.

16. Legal obligations

Not applicable.

17. Additional Information

To our knowledge the above details are correct and complete.
We wish to emphasize however that it is and remains the user's responsibility to take the necessary measures and to make sure all details are complete and to determine the suitability of the products for their purposes.

17.1 Adaptations/Changed paragraphs

- Remarks under 1. Identification of the chemical product and the company
- Reach (SVHC) under 3.

17.2 Literature and data sources

- Regulations:
 - REACH Regulation (EC) No. 1907/2006
 - CLP Regulation (EC) No. 1272/2008
- Internet:
 - <http://echa.europa.eu/web/guest/candidate-list-table>
 - http://ec.europa.eu/enterprise/sectors/chemicals/specific-chemicals/index_en.htm
 - <http://www.fsc.nationwide.com/fire-extinguishers.html>