

# SAFETY DATA SHEET

## MEMBRANE PVC FLAGON

Version:90b

Review date:20/09/2013

RE EC/453/2010 - ISO 11014-1

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Product identifier: MEMBRANE PVC FLAGON
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Waterproofing
1. 3. Details of the supplier of the safety data sheet: SOPREMA S.A.S.  
14 Rue de Saint Nazaire - CS 60121  
F-67025 STRASBOURG CEDEX  
France  
Phone: +33 (0)3 88 79 84 00  
Fax: +33 (0)3 88 79 84 01  
E-mail: mkulinicz@soprema.fr
1. 4. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131  
EMERGENCY NUMBER : + 44 (0)1 235 239 670

### 2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: Health injuries are not known or expected under normal use.
2. 2. EC number: Not applicable.
2. 3. Contains: • antimony trioxide
2. 4. Label elements (R - S):
2. 4. 1. Symbol(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.
2. 4. 2. R-phrase(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.
2. 4. 3. S-phrase(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.
2. 5. Most important hazards: Health injuries are not known or expected under normal use.
2. 6. Other hazards: None under normal use.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Description of the mixture: PVC Membrane (article)  
producer of an article
3. 2. Component(s) contributing to the hazard:
- antimony trioxide
  - Id nr: 051-005-00-X - CE nr: 215-175-0 - CAS nr: 1309-64-4
  - Conc. (weight %) : 1 < C ≤ 5
  - R-S : Classification: • Carc. Cat. 3; R 40 •
  - SGH : SGH08 - Carc. 2 - Health hazard - Warning - H351

The wording of the sentences are mentioned at heading 16.

### 4. FIRST AID MEASURES

4. 1. Description of first aid measures:
4. 1. 1. General advice: In case of doubt or persistent symptoms, consult always a physician.
4. 1. 2. Inhalation: Health injuries are not known or expected under normal use.
4. 1. 3. Skin contact: Health injuries are not known or expected under normal use.
4. 1. 4. Eye contact: Health injuries are not known or expected under normal use.
4. 1. 5. Ingestion: Health injuries are not known or expected under normal use.

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4. 2. Most important symptoms and effects, both acute and delayed:

4. 2. 1. Inhalation: None under normal use.

4. 2. 2. Skin contact: None under normal use.

4. 2. 3. Eyes contact: None under normal use.

4. 2. 4. Ingestion: None under normal use.

4. 3. Indication of any immediate medical attention and special treatment needed : May cause burns. Lors de la mise en oeuvre du fait de l'échauffement de la membrane

### 5. FIREFIGHTING MEASURES

5. 1. Extinguishing media: powder, alcohol-resistant foam, water spray, carbon dioxide

5. 2. Special hazards arising from the substance or mixture: Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

5. 3. Advice for firefighters: Use a self-contained breathing apparatus and also a protective suit.

5. 4. Extinguishing media which must NOT be used for safety reasons: Do not use a solid water stream as it may scatter and spread fire.

### 6. ACCIDENTAL RELEASE MEASURES

6. 1. Personal precautions, protective equipment and emergency procedures: Not applicable.  
PVC Membrane => solid

6. 2. Environmental precautions: PVC Membrane => solid

6. 3. Methods and material for containment and cleaning up: Not applicable.

6. 4. Reference to other sections: None

### 7. HANDLING AND STORAGE

7. 1. Handling:

7. 1. 1. Precautions for safe handling: The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.

7. 1. 2. Technical condition(s): Article R 231-72 du Code du travail dispose que les travailleurs ne peuvent être admis à porter des charges supérieures à 55 kg.

7. 1. 3. Safe handling advice(s): Formation du personnel utilisateur aux gestes et postures  
Utilisation d'appareils annexes de levage.

7. 2. Storage:

7. 2. 1. Conditions for safe storage, including any incompatibilities: Keep away from open flames, hot surfaces and sources of ignition.

7. 2. 2. Technical condition(s): Membrane PVC Flagon translucide : Protect from sunlight. Protect from moisture.

7. 2. 3. Storage condition(s): Keep away from heat.

7. 2. 4. Packaging / tank material: made of the same material as the supply container.

7. 3. Specific end use(s): Waterproofing

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:

8. 1. 1. Exposure limit(s): • antimony trioxide : VME mg/m<sup>3</sup> = 0,5

8. 2. Exposure controls:

8. 2. 1. Respiratory protection: To also avoid the inhalation of dust, particles and fume during the surface treatment covered with this preparation by dry sanding or hot operation (welding, brazing, cutting...).

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- |                                    |  |
|------------------------------------|--|
| 8. 2. 2. Hand protection:          | Lors de la mise en oeuvre : heat-insulating gloves |
| 8. 2. 3. Skin and body protection: | protective clothing                                |
| 8. 2. 4. Eye protection:           | none   |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

- |   |                       |
|---|-----------------------|
| 9. 1. 1. Appearance:                    | solid                 |
| 9. 1. 2. Colour:                        | according to choice   |
| 9. 1. 3. Odour:                         | not significant       |
| 9. 1. 4. PH:                            | Not determined.       |
| 9. 1. 5. Boiling point/range:           | Not determined.       |
| 9. 1. 6. Flash point:                   | Not applicable.       |
| 9. 1. 7. Explosion limits:              | Not applicable.       |
| 9. 1. 8. Relative density (w ater = 1): | 1,2 g/cm <sup>3</sup> |
| 9. 1. 9. Viscosity:                     | Not determined.       |

9. 2. Other information:

- |                              |                 |
|------------------------------|-----------------|
| 9. 2. 1. Water solubility:   | Not determined. |
| 9. 2. 2. Fat solubility:     | Not determined. |
| 9. 2. 3. Solvent solubility: | Not determined. |

### 10. STABILITY AND REACTIVITY

- |  |  |
|--|--|
| 10. 1. Reactivity:                         | Stable in use and storage conditions as recommended in item 7.   |
| 10. 2. Chemical stability:                 | Stable in use and storage conditions as recommended in item 7.   |
| 10. 3. Possibility of hazardous reactions: | None reasonably foreseeable.   |
| 10. 4. Conditions to avoid:                | None reasonably foreseeable.   |
| 10. 5. Incompatible materials:             | None reasonably foreseeable.   |
| 10. 6. Hazardous decomposition products:   | In a fire, hazardous decomposition products such as smoke, carbon monoxide. carbon dioxide and oxides of nitrogen may be produced. |

### 11. TOXICOLOGICAL INFORMATION

- |  |   |
|--|---|
| 11. 1. Information on toxicological effects: | There is no data available on the product itself. |
| 11. 2. Acute toxicity:                       |   |
| 11. 2. 1. Inhalation:                        | None under normal use.                            |
| 11. 2. 2. Skin contact:                      | None under normal use.                            |
| 11. 2. 3. Eyes contact:                      | None under normal use.                            |
| 11. 2. 4. Ingestion:                         | None under normal use.                            |

### 12. ECOLOGICAL INFORMATION

- |                                       |   |
|---------------------------------------|---|
| 12. 1. Toxicity:                      | Ecological problems are not known or expected under normal use. |
| 12. 2. Persistence and degradability: | Not determined.   |
| 12. 3. Bioaccumulative potential:     | Not applicable.   |
| 12. 4. Mobility in soil:              | solid   |

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12. 5. Results of PBT and vPvB assessment: Not applicable.

12. 6. Other adverse effects: None under normal use.

### 13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods: If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.

13. 2. Contaminated packaging: Offer packaging material to local recycling facilities.

### 14. TRANSPORT INFORMATION

14. 1. General information(s): Not classified as dangerous in the meaning of transport regulations.

14. 2. UN number: Not applicable.

14. 6. Environmental hazards: not

14. 7. Special precautions for user: Not applicable.

14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

### 15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: The product does not need to be labelled in accordance with regulation (CE) 1907/2006 - 1999/45 with their modifications and adaptations on classification, packaging and labelling of dangerous substances  
The product does not need to be labelled in accordance with regulation (CE) 1907/2006 - 1272/2008 with their modifications and adaptations on classification, packaging and labelling of dangerous substances  
producer of an article

15. 2. Chemical safety assessment: Not applicable.

### 16. OTHER INFORMATION

16. 1. Text of R phrases listed in section 3: R40 Limited evidence of a carcinogenic effect.  
H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

16. 2. Important remarks: Information in this safety data sheet is based on actual knowledge in our possession and our experience.  
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.  
No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.

16. 3. 1. First edition date: 08/04/2010

16. 3. 2. Previous revision date: 08/04/2010

16. 3. 3. Review date: 20/09/2013

16. 3. 4. Version: 90b

16. 3. 5. Review chapter(s) n°: 1-2-3-4-5-6-7-8-9-10-11-12-13-

16. 4. Written by: SOPREMA - mkulnicz@soprema.fr