

# SAFETY DATA SHEET

ALSAN 770 A

Version:1210a



Review date:31/07/2013

RE EC/453/2010 - ISO 11014-1

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

1. 1. Product identifier: ALSAN 770 A
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Waterproofing resin
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: /
2. 2. EC number: Not applicable.
2. 3. Contains:
  - methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate
  - 2-ethylhexyl acrylate
2. 4. Label elements (R - S):
- 
2. 4. 1. Symbol(s): F - Highly flammable ; Xi - Irritant
2. 4. 2. R-phrases(s): 11 Highly flammable.  
37/38 Irritating to respiratory system and skin.  
43 May cause sensitization by skin contact.
2. 4. 3. S-phrases(s): 2 Keep out of the reach of children.  
24 Avoid contact with skin.  
37 Wear suitable gloves.  
46 If swallowed, seek medical advice immediately and show this container or label.
2. 5. Further information(s): Contains methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate, 2-ethylhexyl acrylate. May produce an allergic reaction.
2. 6. Other hazards: Highly flammable.  
Irritating to respiratory system and skin.  
May cause sensitization by skin contact.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:
- methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate
    - Id nr: 607-035-00-6 - CE nr: 201-297-1 - CAS nr: 80-62-6
    - Conc. (weight %) : 10 < C ≤ 25
    - R-S : Classification: • F; R 11 • Xi; R 37/38 • R 43 •
    - SGH : SGH02 - Flam. Liq. 2 - Flame - Danger - H225 SGH07 - Skin Sens. 1 - Exclamation mark
    - Warning - H317 - STOT SE 3 - H336 - H335 - Skin Irrit. 2 - H315
  - 2-ethylhexyl acrylate
    - Id nr: 607-107-00-7 - CE nr: 203-080-7 - CAS nr: 103-11-7
    - Conc. (weight %) : 10 < C ≤ 25
    - R-S : Classification: • Xi; R 37/38 • R 43 •
    - SGH : SGH07 - Skin Sens. 1 - Exclamation mark - Warning - H317 - STOT SE 3 - H336 - H335
    - Skin Irrit. 2 - H315

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- additive
- Conc. (weight %) :  $0 < C \leq 1$
- R-S : Symbol(s): Xi N - R-phrase(s): 10-38-51/53-67
- SGH : SGH02 - Flam. Liq. 3 - Flame - Warning - H226 SGH07 - STOT SE 3 - Exclamation mark - Warning - H335 - H335-336 - Skin Irrit. 2 - H315 - Aquatic Acute 2 - SGH09 - Aquatic. Chronic 1 - Environment - Warning - H410

- pigmentation
- Conc. (weight %) :  $5 < C \leq 10$
- R-S : Symbol(s): Xi - R-phrase(s): 10-36
- SGH : SGH02 - Flam. Liq. 3 - Flame - Warning - H226 SGH07 - Irr. oc. 2A - Exclamation mark - Warning - H319 - Irr. oc. 2B

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: Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.
- 4. 1. 3. Skin contact: Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice.
- 4. 1. 4. Eye contact: Wash with plenty of water (during 30 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
- 4. 1. 5. Ingestion: If swallowed, seek medical advice immediately and show this container or label.

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

- 4. 2. 1. Inhalation: Exposure to dangerous concentration is unlikely to occur in practice because of warning provided by irritant effects.
- 4. 2. 2. Skin contact: The mixture is a sensitizing of the skin and the breathing apparatus. It is also irritating for the skin and a prolonged contact can increase this effect.
- 4. 2. 3. Eyes contact: Liquid splashes in the eye may cause irritation.
- 4. 2. 4. Ingestion: Not applicable.

### 4. 3. Indication of any immediate medical attention and special treatment needed :

In all cases of doubt, or when symptoms persist, seek medical attention.

## 5. FIREFIGHTING MEASURES

- 5. 1. Extinguishing media: powder, water spray, foam, 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.  
The vapour mixes well with air, explosive mixtures are easily formed.
- 5. 3. Advice for firefighters: Use a self-contained breathing apparatus and also a protective suit.
- 5. 4. Specific method(s): Cool containers / tanks with spray water if possible.  
Provision to contain effluent from fire extinguishing.
- 5. 5. Extinguishing media which must NOT be used for safety reasons: Do not use water jet.

## 6. ACCIDENTAL RELEASE MEASURES

- 6. 1. Personal precautions, protective equipment and emergency procedures: Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

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|---|--|
| 6. 2. Environmental precautions:                            | Prevent liquid from entering sewers, watercourses, underground or low areas. Relevant water authorities should be notified of any large spillage to water course or drain.   |
| 6. 3. Methods and material for containment and cleaning up: | Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth. Do not use any water to clean up. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. |
| 6. 4. Reference to other sections:                          | Concerning disposal elimination after cleaning, see item 13.   |

### 7. HANDLING AND STORAGE

- |  |  |
|--|--|
| 7. 1. Handling:  |  |
| 7. 1. 1. Precautions for safe handling:                                | Minimise exposure to vapour by good industrial hygiene practice and by provision of adequate ventilation. Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8. |
| 7. 1. 2. Technical condition(s):                                       | Prevent build-up of electrostatic charges (e.g., by grounding) if in liquid state.   |
| 7. 1. 3. Safe handling advice(s):                                      | Opened containers must be carefully closed and kept upright to avoid leakage.  |
| 7. 2. Storage:   |  |
| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | Keep container tightly closed in a cool place. Keep away from heat / sparks / open flames / hot surfaces. — No smoking. No smoking. Prevent unauthorised access.   |
| 7. 2. 2. Technical condition(s):                                       | Waterproof underground retention basin.  |
| 7. 2. 3. Storage condition(s):   | Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Store in original container.  |
| 7. 2. 4. Separation of incompatible product(s):                        | Store separately from oxidising agents and strongly alkaline and strongly acidic materials.  |
| 7. 2. 5. Packaging / tank material:                                    | made of the same material as the supply container.   |
| 7. 3. Specific end use(s):   | Waterproofing resin  |

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- |                                    |   |
|------------------------------------|---|
| 8. 1. Control parameters:          |   |
| 8. 1. 1. Exposure limit(s):        | • methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate : VME ppm = 50   |
| 8. 2. Exposure controls:           |   |
| 8. 2. 1. Respiratory protection:   | Wear appropriate breathing apparatus if air renewal not sufficient to maintain dust/vapour under TLV.<br>Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust. |
| 8. 2. 2. Hand protection:          | nitrile rubber gloves   |
| 8. 2. 3. Skin and body protection: | protective clothing   |
| 8. 2. 4. Eye protection:           | Eye protection designed to protect against liquid splashes should be worn.  |
| 8. 3. Hygiene measure(s):          | Keep away from food, drink and animal feed.   |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- |  |                     |
|--|---------------------|
| 9. 1. Information on basic physical and chemical properties: |                     |
| 9. 1. 1. Appearance:   | viscous liquid      |
| 9. 1. 2. Colour:   | according to choice |
| 9. 1. 3. Odour:  | characteristic      |
| 9. 1. 4. PH:   | Not determined.     |
| 9. 1. 5. Flash point:  | 14 °C               |
| 9. 1. 6. Explosion limits:                                   | Not determined.     |

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9. 1. 7. Vapour pressure: 15.9 kPa  
9. 1. 8. Relative density (w ater = 1): 1.2 g/cm<sup>3</sup>  
9. 1. 9. Viscosity: 1 500 mPa.s (20 °C)

9. 2. Other information:

9. 2. 1. Water solubility: immiscible  
9. 2. 2. Fat solubility: Not determined.  
9. 2. 3. Solvent solubility: Not determined.  
9. 3. Other information: COV : 40 g/L

## 10. STABILITY AND REACTIVITY

10. 1. Reactivity: None reasonably foreseeable.  
10. 2. Chemical stability: Stable at normal conditions.  
10. 3. Possibility of hazardous reactions: Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction. React in contact of: peroxides  
10. 4. Conditions to avoid: NO open flames, NO sparks, and NO smoking.  
10. 5. Incompatible materials: Reacts with: peroxides  
10. 6. Hazardous decomposition products: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, NxOy

## 11. TOXICOLOGICAL INFORMATION

11. 1. Information on toxicological effects: No available information on product.  
11. 2. Acute toxicity:  
11. 2. 1. Inhalation: Not determined.  
11. 2. 2. Skin contact: Not determined.  
11. 2. 3. Eyes contact: Not determined.  
11. 2. 4. Ingestion: Not determined.

## 12. ECOLOGICAL INFORMATION

12. 1. Toxicity: No ecotoxicological data about this product are known.  
12. 2. Persistence and degradability: Not determined.  
12. 3. Bioaccumulative potential: Not determined.  
12. 4. Mobility in soil: Not determined.  
12. 5. Results of PBT and vPvB assessment: Not determined.  
12. 6. Other adverse effects: Not determined.

## 13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods: Collect all waste in suitable and labelled containers and dispose according to local legislation. This material and its container must be disposed of as hazardous waste.  
13. 2. Contaminated packaging: Container remains hazardous when empty. Continue to observe all precautions.

## 14. TRANSPORT INFORMATION

14. 1. UN number: 1263  
14. 1. 1. UN proper shipping name: PAINT  
14. 2. Land (Road / Railway: ADR/RID):  
14. 2. 1. Transport hazard class(es): 3

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14. 2. 2. Packing group: III  
14. 3. Sea (IMDG):  
14. 3. 1. Class: 3  
14. 3. 2. Packaging group: III  
14. 3. 3. Marine pollutant: No - Non  
14. 4. Air (ICAO/IATA):  
14. 4. 1. ICAO/IATA class: 3  
14. 4. 2. Packing group: III  
14. 5. Environmental hazards: /  
14. 6. Special precautions for user: /  
14. 7. Transport in bulk according to  
Annex II of MARPOL73/78 and the IBC  
Code: /

## 15. REGULATORY INFORMATION

15. 1. Safety, health and  
environmental regulations/legislation  
specific for the substance or mixture: Règlement CE 453 - 2010  
Règlement CE 790 - 2009  
Règlement CE 1272 - 2008  
Règlement CE 1907 - 200  
15. 2. Chemical safety assessment: /

## 16. OTHER INFORMATION

16. 1. Text of R phrases listed in  
section 3:  
R11 Highly flammable.  
R37/38 Irritating to respiratory system and skin.  
R43 May cause sensitization by skin contact.  
R10 Flammable.  
R38 Irritating to skin.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic  
environment.  
R67 Vapours may cause drowsiness and dizziness  
R36 Irritating to eyes.  
H225 Highly flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.  
H335 May cause respiratory irritation.  
H315 Causes skin irritation.  
H226 Flammable liquid and vapour.  
H335-336 May cause respiratory irritation. May cause drowsiness or dizziness.  
H410 Very toxic to aquatic life with long lasting effects.  
H319 Causes serious eye irritation.  
16. 2. Important remarks: Information in this safety data sheet is based on actual knowledge in our possession and our  
experience.  
16. 3. History:  
16. 3. 1. First edition date: 31/07/2013  
16. 3. 2. Version: 1210a  
16. 4. Written by: SOPREMA - mkulincz@soprema.fr