

SAFETY DATA SHEET

ALSAN 171

Version: 1205c



Review date: 30/05/2016

RE EC/830/2015 - ISO 11014-1

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

1. 1. Product identifier: ALSAN 171
1. 1. 1. Contains:
- methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate
 - acrylated resin
 - 2-ethylhexyl acrylate
 - 2-hydroxyethyl acrylate
1. 1. 2. EC number: Not applicable.
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Seal coat (primer)
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
INTERNATIONAL EMERGENCY NUMBER : + 44 (0)1 235 239 670
.
1. 5. Product code nr: 4222.1

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture:
- * Flam. Liq. 2 / SGH02 - H225 *
 - * Skin Irrit. 2 / SGH07 - H315 *
 - * Irr. oc. 2A / SGH07 - H319 *
 - * Acute Tox. 4 / SGH07 - H302 *
 - * Skin Sens. 1 / SGH07 - H317 *
 - * STOT SE 3 / SGH07 - H335 *
2. 2. Label elements:
-  
Danger -
2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Hazard statement:
- H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
2. 2. 3. Prevention:
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground / bond container and receiving equipment.
P241 Use explosion-proof electrical / ventilating / lighting / ... / equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P273 Avoid release to the environment.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P271 Use only outdoors or in a well-ventilated area.
2. 2. 4. Response:
- P303 IF ON SKIN (or hair):
P361 Take off immediately all contaminated clothing.
P353 Rinse skin with water / shower.
P370 In case of fire:
P378 Use powder, AFFF, foam, carbon dioxide to extinguish.
P301 IF SWALLOWED:
P312a Call a POISON CENTER / doctor if you feel unwell.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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	<p>P321a Specific treatment (see item nr 4.3.). P332+P313 If skin irritation occurs: Get medical advice / attention. P362 Take off contaminated clothing. P364 And wash it before reuse. P305 IF IN EYES: P351 Rinse cautiously with water for several minutes. P338 Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P304 IF INHALED: P340 Remove person to fresh air and keep comfortable for breathing.</p>
2. 2. 5. Storage:	<p>P403 Store in a well-ventilated place. P235 Keep cool. P233 Keep container tightly closed. P405 Store locked up.</p>
2. 2. 6. Disposal:	<p>P501a Dispose of contents / container in accordance with local / regional / national / international regulation</p>
2. 3. Further information(s):	<p>EUH208 Contains • methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate, • acrylated resin, • 2-ethylhexyl acrylate, • 2-hydroxyethyl acrylate. May produce an allergic reaction.</p>
2. 4. Other hazards:	<p>None.</p>

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:	<ul style="list-style-type: none">• methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate<ul style="list-style-type: none">- Id nr: 607-035-00-6 - CE nr: 201-297-1 - CAS nr: 80-62-6- Conc. (weight %) : 20 < C ≤ 50- SGH :* SGH02 - Flame - Danger - Flam. Liq. 2 - H225* SGH07 - Exclamation mark - Warning - Skin Sens. 1 - H317 - STOT SE 3 - H335 - Skin Irrit. 2 - H315- Miscellaneous :VME ppm = 50• acrylated resin<ul style="list-style-type: none">- Conc. (weight %) : 20 < C ≤ 50- SGH :* SGH07 - Exclamation mark - Warning - Skin Sens. 1 - H317 - Skin Irrit. 2 - H315 - Irr. oc. 2 - H319 - Irr. oc. 2A• 2-ethylhexyl acrylate<ul style="list-style-type: none">- Id nr: 607-107-00-7 - CE nr: 203-080-7 - CAS nr: 103-11-7- Conc. (weight %) : 2 < C ≤ 20- SGH :* SGH07 - Exclamation mark - Warning - Skin Sens. 1 - H317 - STOT SE 3 - H335 - Skin Irrit. 2 - H315• 1,1'-(p-tolylimino)dipropene-2-ol<ul style="list-style-type: none">- CE nr: 254-075-1 - CAS nr: 38668-48-3- REACH registration number : 01-2119980937-17- Conc. (weight %) : 0 < C ≤ 2- SGH :* SGH06 - Skull and crossbones - Danger - Acute Tox. 2 - H300 * SGH07 - Exclamation mark - Warning - Irr. oc. 2 - H319 - Irr. oc. 2A- Aquatic. Chronic 3 - H412• 2-hydroxyethyl acrylate<ul style="list-style-type: none">- Id nr: 607-072-00-8 - CE nr: 212-454-9 - CAS nr: 818-61-1- Conc. (weight %) : 0 < C ≤ 2- SGH :* SGH06 - Skull and crossbones - Danger - Acute Tox. 3 - H311 * SGH07 - Exclamation mark - Warning - Skin Sens. 1 - H317 * SGH05 - Corrosion - Skin Corr. 1B - H314* SGH09 - Environment - Warning - Aquatic Acute 1 - H400- (* - Skin Sens. 1; H317: C ≥ 0,2%)
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The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

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4. 1. Description of first aid measures:

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| 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. Do not induce vomiting without medical advice. |

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

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| 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

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| 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

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| 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. |
| 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

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| 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). |
| 7. 1. 3. Safe handling advice(s): | Opened containers must be carefully closed and kept upright to avoid leakage. |

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7. 2. Storage:

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| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | Keep container tightly closed in a cool place. 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): | Seal coat (primer) |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:

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| 8. 1. 1. Exposure limit(s): | • methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate : VME ppm = 50
• 2,6-Di-tert-butyl-4-methylphenol : VME mg/m ³ = 10 |
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8. 2. Exposure controls:

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| 8. 2. 1. Respiratory protection: | Wear appropriate breathing apparatus if air renewal not sufficient to maintain dust/vapour under TLV. 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. |

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| 8. 3. Hygiene measure(s): | Keep away from food, drink and animal feed. |
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9. PHYSICAL AND CHEMICAL PROPERTIES

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

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| 9. 1. 1. Appearance: | liquid |
| 9. 1. 2. Colour: | colourless |
| 9. 1. 3. Odour: | characteristic |
| 9. 1. 4. PH: | Not applicable. |
| 9. 1. 5. Boiling point/range: | Not determined. |
| 9. 1. 6. Flash point: | 9 °C |
| 9. 1. 7. Explosion limits: | Not determined. |
| 9. 1. 8. Vapour pressure: | 15.9 kPa |
| 9. 1. 9. Relative density (water = 1): | 1,0 g/cm ³ |
| 9. 1. 10. Viscosity: | 1500 mPa.s (20 °C) |

9. 2. Other information:

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

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| 9. 3. Other information: | COV : 0 g/L |
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10. STABILITY AND REACTIVITY

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| 10. 1. Reactivity: | None reasonably foreseeable. |
| 10. 2. Chemical stability: | Stable at normal conditions. |

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10. 3. Possibility of hazardous reactions:	Keep away from oxidising agents and strongly alkaline and strongly acidic materials. Keep away from 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. General information(s):	Transport followed ADR, IMDG, IATA
14. 2. UN number:	1263
14. 2. 1. UN proper shipping name:	PAINT
14. 3. Land (Road / Railway: ADR/RID):	
14. 3. 1. Transport hazard class(es):	3
14. 3. 2. Packing group:	III
14. 3. 3. Tunnel restriction code:	(D/E)
14. 4. Sea (IMDG):	
14. 4. 1. Class:	3
14. 4. 2. Packaging group:	III
14. 4. 3. Marine pollutant:	no
14. 5. Air (ICAO/IATA):	
14. 5. 1. ICAO/IATA class:	3
14. 5. 2. Packing group:	III

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14. 6. Environmental hazards: no
14. 7. Special precautions for user: None under normal use.
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: EC 453-2010 regulation
EC 790-2009 regulation
EC 1272-2008 regulation
EC 1907-2006 regulation
15. 2. Chemical safety assessment: Not determined.

16. OTHER INFORMATION

16. 1. Text of the phrases listed in section 3:
H225 Highly flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H300 Fatal if swallowed.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
16. 2. Important remarks: The user is always responsible for ensuring that the requirements of relevant legislation are complied with. 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: 30/05/2013
16. 3. 2. Previous revision date: 12/06/2014
16. 3. 3. Review date: 30/05/2016
16. 3. 4. Version: 1205c
16. 3. 5. Review chapter(s) n°: 1-2-3-9-14-16
16. 4. Written by: SOPREMA - mkulinicz@soprema.fr