

# SAFETY DATA SHEET

## SOPRACOL LIQUID

Version: 601f

Review date: 31/07/2015

RE EC/453/2010 - ISO 11014-1

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

1. 1. Product identifier: SOPRACOL LIQUID
1. 1. 1. EC number: Not applicable.
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  
INTERNATIONAL EMERGENCY NUMBER : + 44 (0)1 235 239 670  
.
1. 5. Product code nr: 4040.1

### 2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: \* Flam. Liq. 2 / SGH02 - H225 \*  
\* Aquatic. Chronic 3 / H412 \*

2. 2. Label elements:



Danger

2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Hazard statement: H225 Highly flammable liquid and vapour.  
H412 Harmful to aquatic life with long lasting effects.
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.
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.
2. 2. 5. Storage: P403 Store in a well-ventilated place.  
P235 Keep cool.
2. 2. 6. Disposal: P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 3. Further information(s): EUH 066 - Repeated exposure may cause skin dryness or cracking.
2. 4. Other hazards: None.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Description of the mixture: Contains: Quartz < 1% (CAS : 14808-60-7)
3. 2. Component(s) contributing to the hazard:
- Naphtha (petroleum), hydrotreated
  - CE nr: 920-750-0
  - REACH registration number : 01-2119473851-33
  - Conc. (weight %) : 10 < C ≤ 15
  - SGH :
  - \* SGH02 - Flame - Danger - Flam. Liq. 2 - H225
  - \* SGH07 - Exclamation mark - Warning - STOT SE 3 - H336 \* SGH08 - Health hazard - Danger - Asp. Tox. 1 - H304

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\* SGH09 - Environment - Aquatic. Chronic 2 - H411

- xylene (isomer mixture o, m, p)
- CAS nr: .1330-20-7
- REACH registration number : 01-2119488216-32
- Conc. (weight %) :  $5 < C \leq 10$
- SGH :

\* SGH02 - Flame - Warning - Flam. Liq. 3 - H226

\* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H312 - H332 - STOT SE 3 - H335 \*  
SGH08 - Health hazard - STOT RE 2 - H373 - Danger - Asp. Tox. 1 - H304 - Skin Irrit. 2 - H315 -  
Irr. oc. 2 - H319  
- Aquatic. Chronic 3 - H412

- ethylbenzene
- CAS nr: .100-41-4
- Conc. (weight %) :  $1 < C \leq 5$
- SGH :

\* SGH02 - Flame - Danger - Flam. Liq. 2 - H225

\* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H332 \* SGH08 - Health hazard - STOT  
RE 2 - H373 - Danger - Asp. Tox. 1 - H304  
- Aquatic. Chronic 3 - H412

- toluene
- Id nr: 601-021-00-3 - CE nr: 203-625-9 - CAS nr: 108-88-3
- Conc. (weight %) :  $0 < C \leq 1$
- SGH :

\* SGH02 - Flame - Danger - Flam. Liq. 2 - H225

\* SGH07 - Exclamation mark - Warning - STOT SE 3 - H336 \* SGH08 - Health hazard - STOT  
RE 2 - H373 - Danger - Asp. Tox. 1 - H304 - Skin Irrit. 2 - H315 - Repr. 2 - H361  
- VME ppm = 50 - VME mg/m<sup>3</sup> = 188

The wording of the sentences are mentioned at heading 16.

### 4. FIRST AID MEASURES

4. 1. Description of first aid measures:

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|--------------------------|---|
| 4. 1. 1. General advice: | Never give anything by mouth to an unconscious person.  |
| 4. 1. 2. Inhalation:     | Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.  |
| 4. 1. 3. Skin contact:   | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.          |
| 4. 1. 4. Eye contact:    | Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice. |
| 4. 1. 5. Ingestion:      | Do NOT induce vomiting.<br>Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.                           |

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

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|------------------------|--|
| 4. 2. 1. Inhalation:   | Exposure to organic solvent vapours may result in adverse health effects such as irritation of mucous membranes, lung irritation |
| 4. 2. 2. Skin contact: | Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.                                 |
| 4. 2. 3. Eyes contact: | Splashes in the eyes may cause irritation and reversible local damage.   |
| 4. 2. 4. Ingestion:    | May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.   |

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: alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), powder.

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|--|---|
| 5. 2. Special hazards arising from the substance or mixture:         | Fire will produce dense black smoke.<br>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. Specific method(s):  | Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.                        |
| 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: | Ensure adequate ventilation.<br>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:   | Stop leak without risks if possible.<br>Dike and contain spill.<br>Concerning disposal elimination after cleaning, see item 13.  |
| 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<br>Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). |
| 6. 4. Reference to other sections:   | Concerning personal protective equipment to use, see item 8.<br>Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.<br>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:                                | Vapours may form flammable mixture with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.<br>When using do not eat, drink or smoke.<br>Avoid contact with skin and eyes.<br>For personal protection, see Section 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):                                      | Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.   |
| 7. 2. Storage:   |   |
| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | Store in a place accessible by authorised persons only.   |
| 7. 2. 2. Technical condition(s):                                       | Not flammable and 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.  |
| 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   |

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- |                                  |   |
|----------------------------------|---|
| 8. 1. Control parameters:        |   |
| 8. 1. 1. Exposure limit(s):      | • toluene : VME ppm = 50 - VME mg/m <sup>3</sup> = 188  |
| 8. 1. 2. Engineering measure(s): | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.<br>If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn. |

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### 8. 2. Exposure controls:

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|------------------------------------|---|
| 8. 2. 1. Respiratory protection:   | In case of insufficient ventilation wear suitable respiratory equipment. (breathing apparatus with filter A)  |
| 8. 2. 2. Hand protection:          | When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. nitrile rubber gloves<br>Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred. |
| 8. 2. 3. Skin and body protection: | Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.  |
| 8. 2. 4. Eye protection:           | Wear security glasses which protect from splashes.  |

- |                           |   |
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| 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:

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|--|----------------------------------|
| 9. 1. 1. Appearance:                   | viscous liquid                   |
| 9. 1. 2. Colour:                       | black                            |
| 9. 1. 3. Odour:                        | hydrocarbon-like                 |
| 9. 1. 4. PH:                           | Not applicable.                  |
| 9. 1. 5. Boiling point/range:          | Not determined.                  |
| 9. 1. 6. Flash point:                  | 7 °C                             |
| 9. 1. 7. Explosion limits:             | Not applicable.                  |
| 9. 1. 8. Vapour pressure:              | 17 kPa (à 50 °C)                 |
| 9. 1. 9. Relative density (water = 1): | 1,1 g/cm <sup>3</sup> (+/- 0.05) |
| 9. 1. 10. Viscosity:                   | 5 600 mPa.s (23 °C)              |

### 9. 2. Other information:

- |                              |                                  |
|------------------------------|----------------------------------|
| 9. 2. 1. Water solubility:   | insoluble                        |
| 9. 2. 2. Fat solubility:     | Not applicable.                  |
| 9. 2. 3. Solvent solubility: | soluble in most organic solvents |

- |                   |               |
|-------------------|---------------|
| 9. 3. Other data: | COV : 284 g/L |
|-------------------|---------------|

## 10. STABILITY AND REACTIVITY

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|--|--|
| 10. 1. Reactivity:                         | Stable under the recommended storage and handling conditions. (See Section 7).   |
| 10. 2. Chemical stability:                 | Stable under the recommended storage and handling conditions. (See Section 7).   |
| 10. 3. Possibility of hazardous reactions: | None reasonably foreseeable.   |
| 10. 4. Conditions to avoid:                | NO open flames, NO sparks, and NO smoking.   |
| 10. 5. Incompatible materials:             | Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction. |
| 10. 6. Hazardous decomposition products:   | Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.                    |

## 11. TOXICOLOGICAL INFORMATION

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|--|---|
| 11. 1. Information on toxicological effects: | There is no data available on the product itself. |
| 11. 2. Acute toxicity:                       |   |
| 11. 2. 1. Inhalation:                        | Not determined.                                   |

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| 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:                           | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.   |
| 12. 2. Persistence and degradability:      | Not readily biodegradable.  |
| 12. 3. Bioaccumulative potential:          | Not determined.   |
| 12. 4. Mobility in soil:                   | Not determined.   |
| 12. 5. Results of PBT and vPvB assessment: | Not applicable.   |
| 12. 6. Other adverse effects:              | Not determined.   |
| 12. 7. General information(s):             | There is no data available on the product itself.<br>The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. |

### 13. DISPOSAL CONSIDERATIONS

- |                                 |  |
|---------------------------------|--|
| 13. 1. Waste treatment methods: | Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.  |
| 13. 2. Contaminated packaging:  | Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. |

### 14. TRANSPORT INFORMATION

- |   |                                    |
|---|------------------------------------|
| 14. 1. General information(s):  | Transport followed ADR, IMDG, IATA |
| 14. 2. UN number:   | 1133                               |
| 14. 2. 1. UN proper shipping name:  | ADHESIVES                          |
| 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 - Non                           |
| 14. 5. Air (ICAO/IATA):   |                                    |
| 14. 5. 1. ICAO/IATA class:  | 3                                  |
| 14. 5. 2. Packing group:  | III                                |
| 14. 6. Environmental hazards:   | No-Non                             |
| 14. 7. Special precautions for user:  | refer to headings 8 and 13         |
| 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 1907-2006 regulation<br>EC 1272-2008 regulation<br>EC 790-2009 regulation<br>EC 453-2010 regulation |
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15. 2. Chemical safety assessment: Not applicable.

### 16. OTHER INFORMATION

16. 1. Text of the phrases listed in section 3:

H225 Highly flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects.  
H226 Flammable liquid and vapour.  
H312 Harmful in contact with skin.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.  
H361 Suspected of damaging fertility or the unborn child <state specific effect if known> <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. Restrictions: This information relates to the specific material designated and may not be valid in combination with other product(s).

16. 4. History:

16. 4. 1. First edition date: 22/09/2009

16. 4. 2. Previous revision date: 19/04/2013

16. 4. 3. Review date: 31/07/2015

16. 4. 4. Version: 601f

16. 4. 5. Review chapter(s) n°: 1 > 16

16. 5. Written by: SOPREMA -mkulinicz@soprema.fr