

SAFETY DATA SHEET

ELASTOCOL 600

Version: 9h

Review date: 17/07/2008

91/155/EC (2001/58/EC) - ISO 11014-1

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

Product name: ELASTOCOL 600

Uses or/and applications: .

Supplier: SOPREMA S.A.
14, rue de Saint Nazaire - BP 121
F-67025 Strasbourg CEDEX 1
France
Phone: +33 (0)3 88 79 84 00
Fax: +33 (0)3 88 79 84 01

Emergency phone number (to be used by the practising doctor): UK - National Poisons Information Service Phone: 44 / 191 22 5131
Emergency Number : + 44 (0) 870 190 6777

2. HAZARDS IDENTIFICATION

Most important hazards: Highly flammable.
Irritating to skin.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Possible risk of harm to the unborn child.

Specific hazards: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description of the preparation: Mixture of bitumen and of organic solvents

Component(s) contributing to the hazard: • o-xylene [1]; p-xylene [2]; m-xylene [3]; xylene [4] - Id No: 601-022-00-9 - CAS no: 1330-20-7 - EC no: 215-535-7
Conc. wt.(%): 60 < C <= 70 - Classification: • R 10 • Xn; R 20/21 • Xi; R 38 •

4. FIRST AID MEASURES

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation: - Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.
- Artificial respiration and/or oxygen if necessary.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: - Do not induce vomiting.
- Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: alcohol-resistant foam, carbon dioxide (CO₂), powder.

Extinguishing media which must NOT be used for safety reasons: Do not use water jet.

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.

Specific fire hazard(s): Fire will produce dense black smoke.
Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Special protective equipment for fire-fighters: Use a self-contained breathing apparatus and also a protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s): Ensure adequate ventilation. Avoid contact with skin, eyes, or clothing. Concerning personal protective equipment to use, see item 8.

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Environmental precaution(s):	Stop leak without risks if possible. Dike and contain spill. Prevent liquid from entering sewers, watercourses, underground or low areas. Do not allow material to contaminate ground water system. Concerning disposal elimination after cleaning, see item 13.
Method(s) for cleaning up:	Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent - Avoid the use of solvents.

7. HANDLING AND STORAGE

Handling

- Precaution(s): 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.
Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Do not eat, drink and do not smoke in areas where product is used.
Avoid contact with eyes. For personal protection, see Section 8.
- Technical condition(s): Do NOT use compressed air for filling, discharging, or handling.
The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.
Prevent build-up of electrostatic charges (e.g., by grounding).
- Safe handling advice(s): Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.

Storage

- Precaution(s): Store in a place accessible by authorised persons only. Keep out of the reach of children.
- Technical condition(s): Not flammable and waterproof underground retention basin.
- Storage condition(s): Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
- Separation of incompatible product(s): Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
- Packaging / tank material: made of the same material as the supply container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measure(s): Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
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.

Control parameter(s):

- Exposure limit(s): • o-xylene [1]; p-xylene [2]; m-xylene [3]; xylene [4]: VME ppm = 50 - VME mg/m³ = 221 - VLE ppm = 100 - VLE mg/m³ = 442

- Recommended monitoring procedures:

Personal protection equipment:

- Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. (breathing apparatus with filter A)
- Hand protection: When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. nitrile rubber gloves
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.
- 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.
- Eye protection: Eye protection designed to protect against liquid splashes should be worn.
- Hygiene measure(s): Keep away from food, drink and animal feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

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General information

- Physical state / form: liquid
- Colour: dark brown
- Odour: hydrocarbon-like

Important health, safety and environmental information

- PH: Not determined.
- Boiling point/range: Not determined.
- Flash point: 25 °C
- Explosion limits: Not applicable.
- Vapour pressure: 3,8 kPa (à 50 °C)
- Relative density (water = 1): /
- Bulk density: 0,85 à 0,95 g/cm³
- Viscosity: 4,7 mPa.s
- Water solubility: insoluble
- Fat solubility: Not applicable.
- Solvent solubility: Soluble in hydrocarbons

10. STABILITY AND REACTIVITY

- Stability: Stable under the recommended storage and handling conditions. (See Section 7).
- Material(s) to avoid: Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.
- Hazardous decomposition products: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

11. TOXICOLOGICAL INFORMATION

- General information(s): There is no data available on the product itself.
- Acute toxicity
- Inhalation: Exposure to organic solvent vapours may result in adverse health effects such as irritation of mucous membranes, lung irritation, tingling of central nervous system. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
- Skin contact: Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis. resulting in non-allergic contact dermatitis and absorption through the skin.
- Eyes contact: Splashes in the eyes may cause irritation and reversible local damage.
- Ingestion: High concentrations may cause injuries to gastrointestinal tract, liver, kidneys and central nervous system.

12. ECOLOGICAL INFORMATION

- General information(s): There is no data available on the product itself.
- Environmental toxicity: No ecotoxicological data about this product are known. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.
- Other adverse effects

13. DISPOSAL CONSIDERATIONS

- Waste / unused products: Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.
- 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.

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Further Information(s):

14. TRANSPORT INFORMATION

General information(s): Transport followed ADR, IMDG, IATA

UN N°: 1263

Land (Road / Railway: ADR/RID)

- Proper shipping name: PAINT

- Class: 3

- Verpakkingsgroep: II

Sea (IMDG)

- Proper shipping name: PAINT

- Class: 3

- Packaging group: II

- Marine pollutant: /

Air (ICAO/IATA)

- Proper shipping name: PAINT

- ICAO/IATA class: 3

- Packing group: II

15. REGULATORY INFORMATION

Labelling: According to european directives on classification, packaging and labelling of dangerous substances 67/548/ EC. Using the calculation method 88/379/ EC.

EC number: Not applicable.

Contains: • o-xylene [1]; p-xylene [2]; m-xylene [3]; xylene [4]

Symbol(s): Xn - Harmful



R-phrase(s): 10 Flammable.
20/21 Harmful by inhalation and in contact with skin.
38 Irritating to skin.

S-phrase(s): 36/37 Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

Item nr 2 : R-phrase(s) R10 Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R38 Irritating to skin.

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.

Uses or/and applications: .

Restrictions: This information relates to the specific material designated and may not be valid in combination with other product(s).

Other data: COV = 610 g/l

History

- First edition date: 26/11/2007

- Previous revision date: 06/06/2008

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- Review date: 17/07/2008
- Version: 9h
- Review chapter(s) n°: 9-16
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