

SAFETY DATA SHEET

ALSAN FLASHING

Version: 55c

Review date: 05/05/2008

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

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

Product name: ALSAN FLASHING

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 (24h/24h) : + 44 (0) 870 190 67 77

2. HAZARDS IDENTIFICATION

Most important hazards: Highly flammable.
Harmful by inhalation.
Irritating to eyes, respiratory system and skin.
May cause sensitisation by inhalation and skin contact.

Specific hazards: /

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description of the preparation: /

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.(%): 5 < C ≤ 10 - Classification: • R 10 • Xn; R 20/21 • Xi; R 38 •
- 4,4#-methylenediphenyl diisocyanate [1]; diphenylmethane-4,4#-diisocyanate [1]; 2,2#-methylenediphenyl diisocyanate [2]; diphenylmethane-2,2#-diisocyanate [2]; o-(p-isocyanatobenzyl)phenyl isocyanate [3]; diphenylmethane-2,4#-diisocyanate [3]; methylene - Id No: 615-005-00-9 - CAS no: 101-68-8 - EC no: 202-966-0
Conc. wt.(%): 5 < C ≤ 10 - Classification: •Xn; R20•Xi; R36/37/38•R42/43•
- 4,4#-methylenediphenyl diisocyanate [1]; diphenylmethane-4,4#-diisocyanate [1]; 2,2#-methylenediphenyl diisocyanate [2]; diphenylmethane-2,2#-diisocyanate [2]; o-(p-isocyanatobenzyl)phenyl isocyanate [3]; diphenylmethane-2,4#-diisocyanate [3]; methylene - Id No: 615-005-00-9 - CAS no: 5873-54-1 - EC no: 227-534-9
Conc. wt.(%): 1 < C ≤ 5 - Classification: •Xn; R20•Xi; R36/37/38•R42/43•
- butanone; ethyl methyl ketone - Id No: 606-002-00-3 - CAS no: 78-93-3 - EC no: 201-159-0
Conc. wt.(%): 10 < C ≤ 15 - Classification: • F; R 11 • Xi; R 36 • R 66 • R 67 •
- 4-isocyanatosulphonyltoluene; tosyl isocyanate - Id No: 615-012-00-7 - CAS no: 4083-64-1 - EC no: 223-810-8
Conc. wt.(%): 0 < C ≤ 1 - Classification: • R 14 • Xi; R 36/37/38 • R 42 •
- OXYDE DE CALCIUM - CAS no: 1305-78-8
Conc. wt.(%): 5 < C ≤ 10 - Symbol(s): Xi - R-phrased(s): 41
- 2-methoxy-1-methylethyl acetate - Id No: 607-195-00-7 - CAS no: 108-65-6 - EC no: 203-603-9
Conc. wt.(%): 0 < C ≤ 1 - Classification: • R 10 • Xi; R 36 •

4. FIRST AID MEASURES

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

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.
Exposure could cause: allergic reactions with susceptible persons

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.

Eye contact: Wash with plenty of water with eyes wide open, keeping soft contact lenses and take medical advice.

Ingestion: Do not induce vomiting.
Give nothing to drink.
If swallowed, seek medical advice immediately and show this container or label.

5. FIRE-FIGHTING MEASURES

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Suitable extinguishing media:	foam carbon dioxide (CO ₂) dry chemical 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):	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):	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.
Environmental precaution(s):	Prevent liquid from entering sewers, watercourses, underground or low areas. Stop leak without risks if possible. Concerning disposal elimination after cleaning, see item 13.
Method(s) for cleaning up:	Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Once this stage is reached, close the container and dispose of in accordance with the waste regulations (see Section 13).

7. HANDLING AND STORAGE

Handling	
- Precaution(s):	Avoid breathing dust, mist or spray. Avoid contact with skin and eyes.
- Technical condition(s):	Observe the label precautions.
Storage	
- Precaution(s):	Keep away from open flames, hot surfaces and sources of ignition. Store always product in container of same material as original container. Observe the label precautions.
- Technical condition(s):	Not flammable and waterproof underground retention basin.
- Storage condition(s):	Keep out of frost Keep container dry.
- 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

Control parameter(s):	
- Exposure limit(s):	<ul style="list-style-type: none">• 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• 4,4#-methylenediphenyl diisocyanate [1]; diphenylmethane-4,4#-diisocyanate [1]; 2,2#-methylenediphenyl diisocyanate [2]; diphenylmethane-2,2#-diisocyanate [2]; o-(p-isocyanatobenzyl)phenyl isocyanate [3]; diphenylmethane-2,4#-diisocyanate [3]; methylene:VME ppm = 0,005 - VME mg/m³ = 0,051• 4,4#-methylenediphenyl diisocyanate [1]; diphenylmethane-4,4#-diisocyanate [1]; 2,2#-methylenediphenyl diisocyanate [2]; diphenylmethane-2,2#-diisocyanate [2]; o-(p-isocyanatobenzyl)phenyl isocyanate [3]; diphenylmethane-2,4#-diisocyanate [3]; methylene:VME ppm = 0,005 - VME mg/m³ = 0,051• butanone; ethyl methyl ketone:VME ppm = 200 - VME mg/m³ = 600 - VLE ppm = 300 - VLE mg/m³ = 900• OXYDE DE CALCIUM:VME mg/m³ = 2• 2-methoxy-1-methylethyl acetate:VME ppm = 50 - VME mg/m³ = 275 - VLE ppm = 100 - VLE mg/m³ = 550
Personal protection equipment:	
- Respiratory protection:	Wear appropriate breathing apparatus if air renewal not sufficient to maintain dust/vapour under TLV.
- Hand protection:	neoprene or natural rubber gloves PVC or other plastic material gloves
- Skin and body protection:	Wear suitable protective clothing Grossly contaminated clothing should be removed and the skin washed with soap and water or a

SAFETY DATA SHEET

ALSAN FLASHING

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proprietary skin cleaner.

- Eye protection: Wear security glasses which protect from splashes.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Physical state / form: liquid - viscous
- Colour: brown
- Odour: characteristic

Important health, safety and environmental information

- PH: Not determined.
- Boiling point/range: Not determined.
- Flash point: 2,5°C
- Explosion limits: not determined
- Vapour pressure: 26,1 kPa (à 50°C)
- Relative density (water = 1): 1.07 g/cm³
- Viscosity: 20 000 mPa/s
- Water solubility: insoluble
- Fat solubility: /
- Solvent solubility: soluble in most organic solvents

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.

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

General information(s): No available information on preparation.

Acute toxicity

- Inhalation: May cause shortness of breath, tightness of the chest, a sore throat and cough. Respiration of solvent vapour may cause: Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
- Skin contact: Repeated contact can lead to a durable disease of breathing system. Anyone who has shown symptoms of asthma due to this substance should avoid all further contact with this substance.
- Eyes contact: Liquid splashes in the eye may cause irritation.
- Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Chronic toxicity: Repeated contact can lead to a durable disease of breathing system. Anyone who has shown symptoms of asthma due to this substance should avoid all further contact with this substance.

12. ECOLOGICAL INFORMATION

General information(s): There is no data available on the product itself.

Other adverse effects

13. DISPOSAL CONSIDERATIONS

Waste / unused products: Collect all waste in suitable and labelled containers and dispose according to local legislation. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

SAFETY DATA SHEET

ALSAN FLASHING

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Contaminated packaging: Container remains hazardous when empty. Continue to observe all precautions.

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: III

Sea (IMDG)

- Proper shipping name: PAINT

- Class: 3

- Packaging group: III

- Marine pollutant: P

Air (ICAO/IATA)

- Proper shipping name: PAINT

- ICAO/IATA class: 3

- Packing group: III

15. REGULATORY INFORMATION

EC number: Not applicable.

Symbol(s): F - Highly flammable ; Xn - Harmful



R-phrase(s): 11 Highly flammable.
36/37/38 Irritating to eyes, respiratory system and skin.
42/43 May cause sensitization by inhalation and skin contact.

S-phrase(s): 23 Do not breathe gas / fumes / vapour / spray.
24 Avoid contact with skin.
37 Wear suitable gloves.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Further information(s): Contains isocyanates. See information supplied by the manufacturer. Contains 4,4#-methylenediphenyl diisocyanate [1]; diphenylmethane-4,4#-diisocyanate [1]; 2,2#-methylenediphenyl diisocyanate [2]; diphenylmethane-2,2#-diisocyanate [2]; o-(p-isocyanatobenzyl)phenyl isocyanate [3]; diphenylmethane-2,4#-diisocyanate [3]; methylene, 4,4#-methylenediphenyl diisocyanate [1]; diphenylmethane-4,4#-diisocyanate [1]; 2,2#-methylenediphenyl diisocyanate [2]; diphenylmethane-2,2#-diisocyanate [2]; o-(p-isocyanatobenzyl)phenyl isocyanate [3]; diphenylmethane-2,4#-diisocyanate [3]; methylene, 4-isocyanatosulphonyltoluene; tosyl isocyanate. May produce an allergic reaction.

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.
R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R42/43 May cause sensitization by inhalation and skin contact.
R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness
R14 Reacts violently with water.
R42 May cause sensitization by inhalation.
R41 Risk of serious damage to eyes.

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Important remarks: COV : Cat A/l = 214 g/l

Uses or/and applications: .

History

- First edition date: 05/05/2008

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Written by: Sds