

SAFETY DATA SHEET

CURAL

Version: 12i

Review date: 21/07/2005

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

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

Product name: CURAL

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: Flammable.
Harmful by inhalation and in contact with skin.
Irritating to respiratory system and skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Specific hazards: Not determined.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

Component(s) contributing to the hazard:

- PATE ALUMINIUM
Conc. wt.(%): 20 < C <= 25 - Symbol(s): N - R-phrase(s): 10-51/53-67
- Solvent naphta (petroleum), light arom; low boilingpoint naphta - unspecified
Conc. wt.(%): 30 < C <= 40 - Symbol(s): Xn N - R-phrase(s): 10-20/21-37/38-51/53-65-66-67

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.

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- Environmental precaution(s): Stop leak without risks if possible.
Dike and contain spill.
Do not allow surface water to enter drains and sewers as this will create a potential explosive hazard. If this occurs inform local authorities immediately.
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.
When using do not eat, drink or smoke.
Avoid contact with skin and eyes.
Handling this product may result in electrostatic accumulation. Use proper grounding procedures.
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.
- 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): T.L.V.= 150 ppm
 - 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: Wear security glasses which protect from splashes.
- 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: viscous liquid
- Colour: silver
- Odour: hydrocarbon-like

Important health, safety and environmental information

- PH: Not applicable.
- Boiling point/range: Not determined.
- Flash point: 30 °C
- Explosion limits: Not applicable.
- Relative density (water = 1): Not applicable.
- Bulk density: 1400 kg/m³ - 20 °C
- Viscosity: Not determined.
- 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: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

- General information(s): There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.
- Environmental toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 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. This material and its container must be disposed of as hazardous waste.
- 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. Dirty containers cannot be handle as normal waste. Do not re-use empty containers.

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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: 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

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.

Symbol(s): Xn - Harmful ; N - Dangerous for the environment



R-phrase(s):
10 Flammable.
20/21 Harmful by inhalation and in contact with skin.
37/38 Irritating to respiratory system and skin.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s):
2 Keep out of the reach of children.
13 Keep away from food, drink and animal feedingstuffs.
29 Do not empty into drains.
36/37 Wear suitable protective clothing and gloves.
46 If swallowed, seek medical advice immediately and show this container or label.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

16. OTHER INFORMATION

According legislation(s): This safety data sheet is in compliance with directives and adaptings: 67/548/CE.

Item nr 2 : R-phrase(s)
R10 Flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness
R20/21 Harmful by inhalation and in contact with skin.
R37/38 Irritating to respiratory system and skin.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking

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.

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Uses or/and applications:

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Restrictions:

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

Other data:

COV = 362 g/l

History

- First edition date:

24/09/2002

- Previous revision date:

24/09/2002

- Review date:

21/07/2005

- Version:

12i

- Review chapter(s) n°:

2-7-8-14-15-16

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