

SAFETY DATA SHEET

Sipryl

Version: 1

First edition date: 24/05/2006

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

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

Product name: Sipryl

Uses or/and applications: Polymeric adhesive in aqueous dispersion.

Supplier: Icopal SAS
12 Rue de la Renaissance
FR-92184 Antony Cedex
France
Phone: +33 1 40 96 35 00
Fax: +33 1 46 66 24 85
E-mail: contact_fr@icopal.com

Emergency phone number (to be used by the practising doctor): UK - National Poisons Information Service Phone: 44 / 191 22 5131
B - Centre Antipoisons Tél: +32 (0) 70 245 245

2. COMPOSITION / INFORMATION ON INGREDIENTS

Preparation name: Sipryl

Component(s) contributing to the hazard: • toluene - Id No: 601-021-00-3 - CAS no: 108-88-3 - EC no: 203-625-9
Conc. wt.(%): 1 < C <= 5 - Classification: •F; R 11•Repr. Cat. 3; R 63•Xn; R 48/20-65•Xi; R 38•R 67•

3. HAZARDS IDENTIFICATION

Most important hazards: Vapour / air mixture is flammable.

Specific hazards: Product can accumulate electrostatic charges that may cause fire by electrical discharges.

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: Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.
In case of malaise, seek medical advice.
If unconscious, place in the recovery position and seek medical advice.

Skin contact: Wash off immediately with soap and plenty of water removing at the same time all contaminated clothes.
Do NOT use solvents or thinners.

Eye contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Any kind of extinguisher can be used
alcohol-resistant foam, carbon dioxide (CO2), powder, water spray.

Extinguishing media which must NOT be used for safety reasons: None.

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): As the product contains combustible organic components:
- Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Special protective equipment for fire-fighters: The port of a self-rescuer is obligatory in the danger zone.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s): As the product contains combustible organic components: 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): Do not allow to enter drains or water courses.
If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

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).

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Clean preferably with a detergent - Avoid the use of solvents.

7. HANDLING AND STORAGE

Handling

- Precaution(s): Smoking, eating and drinking is prohibited in areas of storage and use.
For personal protection, see Section 8.
The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.
- Technical condition(s): The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.
Electrical equipment should be protected to the appropriate standard.
- Safe handling advice(s): Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.
Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.
Never use pressure to empty: the container is not a pressure vessel. Always keep in containers made of the same material as the supply container.

Storage

- Precaution(s): Observe the label precautions.
No smoking. Prevent unauthorised access.
- Storage condition(s): Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Store at temperatures between 5°C and 30°C
Containers which are opened should be properly resealed and kept upright to prevent leakage.
- 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): • toluene: VME ppm = 50 - VME mg/m³ = 188
Values according to:
compound nr: 1 - time weighted average 50 ppm / 188 mg/m³ - ceiling value 150 ppm / 565 mg/m³
- Personal protection equipment:
- Respiratory protection: Is not necessary in the event of normal use.
Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit
Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust. (EN 141)
- Hand protection: Is not necessary in the event of normal use.
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.
When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. nitrile rubber gloves, neoprene gloves, Latex gloves.
- Skin and body protection: In the event of normal use: none
All individual protection equipments (I.P.E.) must be in conformity with EC standards. (EN 374 for the gloves, EN 166 for the glasses)
They must be maintained in good condition and be stored in an adequate way.
The consultation of the supplier of I.P.E. is always recommended.
It is necessary to train the operator with the correct use of I.P.E.
- Eye protection: Is not necessary in the event of normal use.
Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.
- Hygiene measure(s): Do not eat, drink, or smoke during work.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Physical state / form: paste
- Colour: white
- Odour: typical

Important health, safety and environmental information

- PH: 7
- Boiling point/range: 100 °C

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- Flash point: 62 °C
- Explosion limits: Explosive limits are unknown in literature.
- Relative density (water = 1): 1,4 g/cm³
- Viscosity: 12* 10⁻⁶ m²/sec @ 40°C
- Water solubility: dispersible
- Fat solubility: insoluble
- Solvent solubility: practically not soluble

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: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, NxOy

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 the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems.. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
 - Skin contact: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin 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: There is no data available on the product itself.

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: There is no data available on the product itself.
- 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.

Further Information(s):

14. TRANSPORT INFORMATION

- General information(s): Transport followed ADR, IMDG, IATA
- UN N°: No data available.
- Land (Road / Railway: ADR/RID)
- Sea (IMDG)
- Air (ICAO/IATA)

15. REGULATORY INFORMATION

- Labelling: According to European directives on classification, packaging and labelling of dangerous substances
- EC number: Not applicable.
- Symbol(s): None according to EC directives.
- R-phrases: None according to EC directives.
- S-phrases: 37 Wear suitable gloves.
46 If swallowed, seek medical advice immediately and show this container or label.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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16. OTHER INFORMATION

Item nr 2 : R-phrase(s)

R11 Highly flammable.
R38 Irritating to skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness

Important remarks:

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The user is always responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Uses or/and applications:

Polymeric adhesive in aqueous dispersion.

Restrictions:

The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.

History

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Written by:

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