

SAFETY DATA SHEET

Parathane Silane Primer

Version: 2

Review date: 07/02/2007

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

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

Product name: Parathane Silane Primer

Uses or/and applications: Water-based primer

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: Parathane Silane Primer

Formula: Bitumen (CAS 64741-56-6) > 40%

Description of the preparation: Stabilised aqueous dispersion of: silane

Component(s) contributing to the hazard: • 3-aminopropyltriethoxysilane - CAS no: 919-30-2 - EC no: 213-048-4
Conc. wt.(%): 1 < C <= 5 - Classification: • Xn; R 22 • C; R 34 •

3. HAZARDS IDENTIFICATION

Most important hazards: none

Specific hazards: none

4. FIRST AID MEASURES

General advice: Never give anything by mouth to an unconscious person.

Inhalation: The inhalation is not a way of relevant exposure

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: 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: powder, alcohol-resistant foam, water spray, carbon dioxide

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): The product itself is neither explosive nor spontaneously flammable. At the time of a nearby disaster, under severe conditions, it will nevertheless participate in the fire.
Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Special protective equipment for fire-fighters: Wear a self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s): Remove all sources of ignition.

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- 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).
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): 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.
- Safe handling advice(s): Keep container closed when not in use.
No special handling advice required

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. Keep out of frost
Store at temperatures between 5°C and 30°C
Containers which are opened should be properly resealed and kept upright to prevent leakage.
- Packaging / tank material: made of the same material as the supply container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measure(s): The product does not contain dangerous volatile ingredients. It is thus particularly intended for uses in poorly ventilated areas.
However establish sufficient air renewal, if working area is confined.
- Control parameter(s):
- Exposure limit(s): Not applicable.
- Personal protection equipment:
- Respiratory protection: Not applicable.
 - Hand protection: 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: The personnel should wear protective clothing.
 - Eye protection: Eye protection designed to protect against liquid splashes should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Physical state / form: liquid
- Colour: colourless, transparent
- Odour: amine

Important health, safety and environmental information

- PH: Not determined.
- Boiling point/range: 100°C
- Flash point: Not applicable.
- Explosion limits: Not applicable.
- Relative density (water = 1): 1,0 @ 20°C

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| - Viscosity: | Not determined. |
| - Water solubility: | soluble |
| - Fat solubility: | Nonmiscible |
| - Solvent solubility: | insoluble |

10. STABILITY AND REACTIVITY

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|-----------------------------------|---|
| Stability: | Stable under the recommended storage and handling conditions. (See Section 7). |
| Hazardous decomposition products: | The elements are stable. There is only the fire which can destroy them. The fume contains the typical products of decomposition of organic matter.. |

11. TOXICOLOGICAL INFORMATION

- | | |
|-------------------------|--|
| General information(s): | There is no data available on the product itself. |
| Acute toxicity | |
| - Inhalation: | irritant |
| - Skin contact: | irritant |
| - Eyes contact: | May cause irritation and serious 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: | Ecological problems are not known or expected under normal use. |
| 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): | not regulated |
| UN N°: | Not applicable. |

15. REGULATORY INFORMATION

- | | |
|---------------|--|
| Labelling: | The product does not need to be labelled in accordance with EC directives on classification, packaging and labelling of dangerous substances |
| EC number: | Not applicable. |
| Symbol(s): | None according to EC directives. |
| R-phrases(s): | None according to EC directives. |
| S-phrases(s): | None according to EC directives. |

16. OTHER INFORMATION

- | | |
|--------------------------|--|
| Item nr 2 : R-phrases(s) | R22 Harmful if swallowed.
R34 Causes burns. |
| 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. |

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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:

Water-based primer

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.

- First edition date:

12/08/2005

- Previous revision date:

12/08/2005

- Review date:

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- Version:

2

- Review chapter(s) n°:

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Written by:

FDS 52 / TDD