

SAFETY DATA SHEET

Bituminous solid materials in form of rolls or plates

Version: 5 Review date: 30/03/2006 91 /155/EC (2001/58/EC) - ISO 11014-1

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

Product name: Bituminous solid materials in form of rolls or plates

Uses or/and applications: Waterproofing membrane to be used in buildings
When packed in form of plates, bituminous binder to be heated up in a kettle.

Supplier: Icopal SAS

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2 . COMPOSITION / INFORMATION ON INGREDIENTS

Preparation name: Bituminous solid materials in form of rolls or plates

Description of the preparation: Mixture of organic compounds with high molecular weight.

3 . HAZARDS IDENTIFICATION

Most important hazards: none

Specific hazards: none

4 . FIRST AID MEASURES

Inhalation: The inhalation is not a way of relevant exposure
Move to fresh air in case of accidental inhalation of vapours or decomposition products.

Skin contact: Do NOT use solvents or thinners.
There is a risk for burns when touching molten hot material.

Eye contact: There is a risk for burns when touching molten hot material.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: Not applicable.

Treatment : Treat as would be treated any burn caused by a flame.

5 . FIRE-FIGHTING MEASURES

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

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: Wear a self contained breathing apparatus.

6 . ACCIDENTAL RELEASE MEASURES

Personal precaution(s): Not applicable.

Environmental precaution(s): Not applicable.

Method(s) for cleaning up: Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7 . HANDLING AND STORAGE

Handling

- Precaution(s): 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): none

Storage

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- Precaution(s): none
- Storage condition(s): Store in original container.
- 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.

Control parameter(s):

- Exposure limit(s): Not applicable.

Personal protection equipment:

- Respiratory protection: Not applicable.
- Hand protection: gloves
- Skin and body protection: -
- Eye protection: None

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Physical state / form: solid in various forms at ambient temperature.
Pasty to liquid when close and above melting temperature.
- Colour: black
- Odour: None

Important health, safety and environmental information

- PH: Not applicable.
- Boiling point/range: Not applicable.
- Flash point: Not applicable.
- Explosion limits: Not applicable.
- Relative density (water = 1): 950 - 1500 kg/m³ (20°C)
- Viscosity: Not applicable.
- Water solubility: No miscible
- Fat solubility: Swells up, eventually is soluble
- Solvent solubility: soluble in most organic solvents

10. STABILITY AND REACTIVITY

Stability: Stable under the recommended storage and handling conditions. (See Section 7).

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: None under normal use.
- Skin contact: None under normal use.
- Eyes contact: None under normal use.
- Ingestion: None

12. ECOLOGICAL INFORMATION

Environmental toxicity: Ecological problems are not known or expected under normal use. Other adverse effects

13. DISPOSAL CONSIDERATIONS

Waste / unused products: Contact waste disposal services.

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

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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

Important remarks: 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: Waterproofing membrane to be used in buildings
When packed in form of plates, bituminous binder to be heated up in a kettle.

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.

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Written by: TDD/FDS 11