



# Liquapruf

## Cold Applied Bitumen Damp-Proof Membrane

### Health and Safety Sheet

#### 1. IDENTIFICATION

**Product:** Liquapruf  
**Use:** Damp Proof Membrane  
**Supplier:** Icopal Ltd, Barton Dock Road, Stretford, Manchester, M32 0YL.

#### 2. COMPOSITION

A rubber/bitumen emulsion, dark brown in colour, it dries to form a black, flexible coating which is odour and taint free. Liquapruf is an environmentally friendly product containing no solvents.

#### 3. IDENTIFICATION OF HAZARD

No major health hazard exists. It is however advised that the product is used in well ventilated areas and prolonged exposure to ammonia fumes avoided. As a general precaution repeated or prolonged skin contact should be avoided.

#### 4. FIRST AID MEASURES

Remove all contamination clothing and obtain first-aid treatment.

**Inhalation:** Remove to fresh air. If discomfort persists seek medical attention  
**Eye contact:** Flood eyes with water or eye-wash solution for not less than 10 minutes, and obtain medical attention.  
**Skin contact:** Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating drinking, smoking and toilet functions.  
**Ingestion:** If swallowed rinse out mouth with water or milk, and obtain medical attention. DO NOT INDUCE VOMITING.

#### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Dry powder, CO<sub>2</sub>, Foam, Sand, Earth.  
**Unsuitable extinguishing media:** **Never** use Water jet.  
**Special Protective Equipment:** Full protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

**Precautions:** Contain flow with absorbent material. Prevent spills from entering drains and sewers. Dispose of at an appropriate licensed waste disposal site in accordance with current laws and regulations.

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#### 7. HANDLING AND STORAGE

**Precautions during handling:** Effective ventilation is necessary to prevent build-up of vapour. No smoking. No open flames.

**Precautions during storage:** Store between 5 and 30°C in tightly sealed containers. No special measures required against fire or explosion. Protect from frost.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Controls Limits:** UK Occupational Exposure Standards - EH40 Ammonia 25ppm, 17mgm<sup>-3</sup> 8HR TWA

**Respiratory Protection:** None required at normal levels of ventilation. In confined areas use appropriate respirator.

**Hand protection:** Not normally required.

**Eye protection:** Appropriate chemical resistant goggles; if risk of splashing.

**Skin protection:** Protective footwear, overalls, barrier cream.

**General:** Contaminated clothing should not be worn. Oily rags should not be put in pockets. Under and outer clothing should be changed regularly. Shower or bathe at end of working.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Brown Emulsion.

**Odour:** Of Ammonia.

**pH:** 10.

**Boiling Point/ Range:** 100°C

**Melting Point/ Range:** 0°C.

**Flashpoint:** >100°C.

**Flammability:** Not Available.

**Auto Flammability:** Not Available.

**Explosive Properties:** N/A.

**Oxidising Properties:** Not determined.

**Specific Gravity:** -

**Solubility (Water and Fat):** Forms and emulsion in water

#### 10. STABILITY

**Stability (Thermal, Light, etc):** Stable up to 100°C.

#### Hazardous Decomposition

**Materials:** Carbon dioxide, carbon monoxide, hydrogen sulphide, Oxides of Nitrogen and sulphur.

#### Icopal Limited

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WORLD LEADER  
IN  
WATERPROOFING

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#### 11. TOXICOLOGICAL INFORMATION

Short term exposure may lead to irritation. Long term exposure may lead to dermatitis.

#### 12. ECOLOGICAL INFORMATION

The preparation has not been tested. However, when wet it will emulsify and disperse in water. With slow rate of bio degradation, bitumen can cause interference with the normal functioning of ecological cycles. Bitumen emulsions should therefore be contained and spills avoided.

#### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local authority and national regulations. Packaging should be similarly disposed off.

#### 14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

#### 15. REGULATORY INFORMATION

Not classified.

#### 16. OTHER INFORMATION

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before the product is used.

**NOTE:** This information is given in good faith being based on the latest knowledge available to Icopal Limited. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

Up to date information is available from the Technical Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume; based on any information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.

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