

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

Name of product	Lithofin MN Slate-Seal
Distributor	CASDRON Enterprises Ltd. Wood End, Prospect Road, Alresford Hampshire SO24 9QF Phone 0 19 62 73 21 26, Fax 0 19 62 73 53 73
Advice	Technical Department Phone 0 19 62 73 21 26
Manufacturer	LITHOFIN AG Heinrich-Otto-Straße 42, D-73240 Wendlingen Phone +49 (0)7024 94 03-0
Advice	Labor Phone +49 (0)7024 9403-0 Fax +49 (0)7024 9403-40
Emergency advice	Phone +49 (0)7024 9403-0 (8.00-16.00 h) Phone +49 (0)7024 94 03-0
Recommended intended purpose(s)	Sealer

2. HAZARDS IDENTIFICATION

Classification

R10
Xi; R37
N; R51/53

R-phrases

10 Flammable.
37 Irritating to respiratory system.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67 Vapours may cause drowsiness and dizziness.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Solvent based sealer

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
64742-95-6	265-199-0	Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified	> 25	Xn R65
1330-20-7	215-535-7	xylene	< 12,5	R10; Xn R20/21; Xi R38

Additional advice

Benzene < 0,1 %; RL67/548, Annex I, H, P, 4

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

sand

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire formation of dangerous gases possible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

7. HANDLING AND STORAGE

Advice on safe handling

Use only in thoroughly ventilated areas.

Use solvent-resistant equipment.

Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Take precautionary measures against static discharges.

Further information on storage conditions

Keep container dry, tightly closed and store at cool and aired place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC or 2006/15/EC)

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
1330-20-7	xylene, mixed isomers, pure	8 hours	221	50	skin
		Short-term	442	100	

Respiratory protection

Breathing apparatus in the event of high concentrations.

Short term: filter apparatus, filter A

Hand protection

chemical-resistant gloves

Eye protection

safety goggles

General protective measures

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Colour	Odour
liquid	colourless, clear	aromatic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	not applicable				
starts to boil	> 130 °C				
Flash point	> 23 °C				
Lower explosion limit	ca. 0,6 Vol-%				
Upper explosion limit	ca. 8 Vol-%				
Density	ca. 0,9 g/cm3				
Solubility in water					more or less insoluble
Viscosity 1 Outflow time	> 30 s			ISO 2431/3 mm	

10. STABILITY AND REACTIVITY

Conditions to avoid

No hazardous reactions known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral	not determined			
LD 50 acute dermal	not determined			
LC 50 acute inhalation	not determined			

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	not determined			

13. DISPOSAL CONSIDERATIONS

Waste code No.

07 01 04*

Name of waste

other organic solvents, washing liquids and mother liquors

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

In accordance with regulations for special waste, must be taken to a special waste disposal.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

UN 1993 Flammable liquid, n.o.s. (White spirit), 3, III

Marine transport IMDG

UN 1993 Flammable liquid, n.o.s., (White spirit), 3, III

Air transport ICAO/IATA-DGR

UN 1993 Flammable liquid, n.o.s. (White Spirit), 3, III

! 15. REGULATORY INFORMATION

Remarks for classification

The product is classified and labelled in accordance with EC directives.

Classification

Xi Irritant
N Dangerous for the environment

R-phrases

10 Flammable.
37 Irritating to respiratory system.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67 Vapours may cause drowsiness and dizziness.

! S-phrases

2 Keep out of the reach of children.
23.3 Do not breathe vapour.
24 Avoid contact with skin.
29 Do not empty into drains.
46 If swallowed, seek medical advice immediately and show this container or label.

National regulations

Water hazard class 2 VwVwS (17. 05. 1999)

16. OTHER INFORMATION

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 10 Flammable.
R 20/21 Harmful by inhalation and in contact with skin.
R 38 Irritating to skin.
R 65 Harmful: may cause lung damage if swallowed.