

MCMC Premium Grade Roofing Top Coat

PF_0213
www.lisam.com

5 FIRE-FIGHTING MEASURES (continued)

Protection against fire : Wear proper protective equipment.

6 ACCIDENTAL RELEASE MEASURES

Contaminated product, soil, water : Absorb excess liquid spillage on inorganic adsorbent material such as fine sand, brick dust etc.

Personal precautions : Evacuate and limit access. Eliminate every possible source of ignition. Suitable respiratory equipment. Wear recommended personal protective equipment.

Environmental precautions : Prevent entry to sewers and public waters.

7 HANDLING AND STORAGE

General : No naked lights. No smoking.

Storage : Keep only in the original container in a cool, well ventilated place. Keep away from heat. Close cover tightly after use.

Handling : Where contact with eyes or skin is likely, wear suitable protection.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection



- Respiratory protection : Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

- Hand protection : Use neoprene or rubber gloves.

- Skin protection : Protective clothing not absolutely necessary.

- Eye protection : Chemical goggles or safety glasses.

Occupational Exposure Limits : Styrene : TLV : 50 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Viscous liquid.

Colour : Miscellaneous

Odour : Characteristic.

pH value : Not applicable.

Initial boiling point [°C] : 145 (styrène)

Density : >1

Solubility in water : Insoluble

Flash point [°C] : 31 (styrène)

Auto-ignition temperature [°C] : 490 (styrène)

Explosion limits - lower [%] : 1.1 (styrène)

Explosion limits - upper [%] : 6.1 (styrène)

10 STABILITY AND REACTIVITY

Hazardous decomposition products : Hydrocarbon. Acids.

Hazardous reactions : Oxidizing agent.

Materials to avoid : Acids.

Conditions to avoid : Direct sunlight. Heat. Prolonged storage.

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11 TOXICOLOGICAL INFORMATION

Acute toxicity	
- Inhalation	: Harmful by inhalation.
- Dermal	: Irritating to skin.
- Ocular	: Irritating to eyes.
- Ingestion	: Harmful if swallowed.
Rat oral LD50 [mg/kg]	: 5000 (styrène)
Rat inhalation LC50 [mg/l/4h]	: 10-25 (styrène)
Carcinogenicity	: None known.
Mutagenicity	: None known.
On ingredients	: See Heading 2 (Information on ingredients).

12 ECOLOGICAL INFORMATION

Ecological effects information	: This product contains hazardous components for the aquatic environment.
LC50-96 Hour - fish [mg/l]	: 32 (styrène)
48 Hour-EC50 - Daphnia magna [mg/l]	: 23 (styrène)
IC50 72h Algae [mg/l]	: 4.9 (styrène)

13 DISPOSAL CONSIDERATIONS

Disposal	: Avoid release to the environment. Dispose of this material and its container at hazardous or special waste collection point. Containers, or internal liners coming from a container, having contained this product are also considered as hazardous wastes. Dispose in a safe manner in accordance with local/national regulations.
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14 TRANSPORT INFORMATION

General information	
- Proper shipping name	: UN1866 RÉSINE EN SOLUTION, 3, III
Shipping name	: UN1866 RÉSINE EN SOLUTION, 3, III
- UN No.	: 1866
Land transport	
Hazard Label(s)	: 3
- H.I. nr :	: 30
- ADR/RID	: Class : 3 Group : III Special provision : 640F1
Sea transport	
- IMO-IMDG	: Class 3
IMO Packing group	: III
- EMS-Nr	: F-E S-E
- IMDG-Marine pollution	: YES ò
Air transport	
- ICAO/IATA	: Packaging instructions cargo : 310 Packaging instructions passenger: 309
- IATA	: 3
IATA Packing group	: III

15 REGULATORY INFORMATION

Symbol(s)	: Harmful.
R Phrase(s)	: R10 : Flammable. R20 : Harmful by inhalation. R36/38 : Irritating to eyes and skin.
S Phrase(s)	: S3 : Keep in a cool place.

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15 REGULATORY INFORMATION (continued)

Safety advises	S16 : Keep away from sources of ignition - No smoking. S24 : Avoid contact with skin. S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S35 : This material and its container must be disposed of in a safe way. S36/37 : Wear suitable protective clothing and gloves. S43 : In case of fire, use . S51 : Use only in well-ventilated areas. S59 : Refer to manufacturer/supplier for information on recovery/recycling. : Contains : Acides gras ramifiés en C6-19. May produce an allergic reaction.
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16 OTHER INFORMATION

Text of R-Phrases in § 3	: R10 : <i>Flammable.</i> : R20 : <i>Harmful by inhalation.</i> : R36/37 : <i>Irritating to eyes and respiratory system.</i> : R36/38 : <i>Irritating to eyes and skin.</i> : R51/53 : <i>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</i>
Recommended uses and restrictions	: See product bulletin for detailed information.
Sources of key data used	: INERIS - INRS
Further information	: Revision - See : *

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58/EC.

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