

MCMC Premium Grade Roofing Resin

PF_0009
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Harmful

Producer

Nord Composites
Z.A. Route d'Amiens
F-80890 Condé-Folie France

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

Trade name : MCMC Premium Grade Roofing Resin.
Identification of the product : POLYESTER RESIN
Use : Industrial.
Company identification : Nord Composites
 Z.A. Route d'Amiens
 F-80890 Condé-Folie France
Emergency phone nr : 01.45.42.59.59
E-mail address of the person responsible for safety data sheet : qualite@nord-composites.com

2 HAZARDS IDENTIFICATION

This preparation is considered as dangerous according to the 1999/45/EC directive

Main hazards : Flammable.
Symptoms relating to use
 - Inhalation : Overexposure to vapours may result in headache, nausea.
 - Skin contact : Repeated or prolonged skin contact may cause irritation.
 - Eye contact : Eye irritant upon direct contact.
 - Ingestion : Swallowing of this material presents some health hazard.
Environmental hazard : No known ecological damage caused by this product.

3 COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS No / EC No / EC Index	Symbol(s)	R-Phrase(s)
Styrene	: 30 to 75	100-42-5 / 202-851-5 / 601-026-00-0	Xn	10-20-36/38

4 FIRST AID MEASURES

First aid
 - Inhalation : If you feel unwell, seek medical advice. Remove victim to fresh air.
 - Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
 - Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 - Ingestion : Seek medical attention if ill effect develops. Rinse mouth. DO NOT INDUCE VOMITING.

5 FIRE-FIGHTING MEASURES

Extinguishing media
 - Suitable : Foam. Carbon dioxide. Powder.
 - Not to be used : Water.
Special exposure hazards : Under fire conditions, hazardous fumes will be present.
Protection against fire : Wear proper protective equipment.

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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



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|------------------------------|---|
| - 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

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|--------------------------------|-------------------|
| Physical state | : 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. |

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) |

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11 TOXICOLOGICAL INFORMATION (continued)

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.

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 : Group : III
Special provision : 640F1
Class : 3
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.
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.

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16 OTHER INFORMATION

Text of R-Phrases in § 3	: <i>R10 : Flammable.</i> : <i>R20 : Harmful by inhalation.</i> : <i>R36/38 : Irritating to eyes and skin.</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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