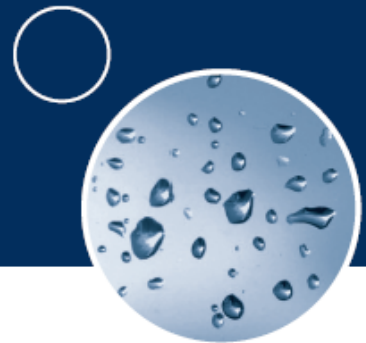


MATRIX PREMIUM

“ The grp roofing system
with the 20 year guarantee ”



MATERIAL SAFETY DATA SHEET

Matrix Premium / Premium Zer0° Roofing Topcoat

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

Trade name : Matrix Premium / Premium Zero °Roofing Topcoat
International Dialling : ++33 (0) 1 45 42 59 59
Identification of the product : POLYESTER GEL COAT
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 : May cause sensitization by skin contact.
- 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.

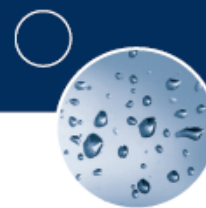
3- COMPOSITION / INFORMATION ON INGREDIENTS

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)
<u>Styrene</u>	: < 45 %	100-42-5 / 202-851-5 / 601-026-00-0	Xn	10-20-36/38
<u>Methyl methacrylate</u>	: < 5 %	80-62-8 / 201-297-1 / 607-035-00-8	F Xi	11-37/38-43

MATRIX
Composite Materials Company

Matrix Composite Materials Company Ltd.
Unit E Paintworks, 277 Bath Road, Bristol BS4 3EH
Tel: 0117 9715145 www.matrix-roofing.co.uk



4- FIRST AID MEASURE

First aid	
- Inhalation	: Remove victim to fresh air. If you feel unwell, seek medical advice.
- 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	: Carbon dioxide. Foam. Powder.
- Not to be used	: Water.
Special exposure hazards	: Under fire conditions, hazardous fumes will be present.
Protection against fire	: Wear proper protective equipment.

6- ACCIDENTAL RELEASE MEASURES

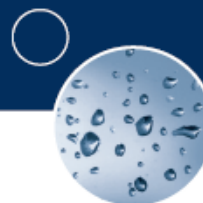
Contaminated product, soil, water	: Absorb excess liquid spillage on inorganic adsorbent material such as fine sand, brick dust etc.
Personal precautions	: Evacuate and limit access. Eliminate every possible source of ignition. Suitable respiratory equipment. Wear recommended personal protective equipment.
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- 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)



9- 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

10- PHYSICAL AND CHEMICAL PROPERTIES

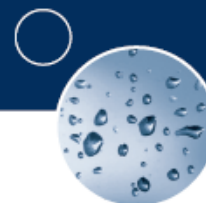
- Physical state : Viscous liquid.
- Colour : Miscellaneous
- Odour : Characteristic.
- Initial boiling point [°C] : 145 (styrène)
- Density : > 1
- Flash point [°C] : 31 (styrène)
- Auto-ignition temperature [°C] : 490 (styrène)
- Explosion limits - lower [%] : 1.1 (styrène)
- Explosion limits - upper [%] : 6.1 (styrène)
- Properties : Voir notice technique.

11- STABILITY AND REACTIVITY

- Hazardous decomposition products : Acids. Hydrocarbon.
- Hazardous reactions : Oxidizing agent.
- Materials to avoid : Acids.
- Conditions to avoid : Prolonged storage. Heat. Direct sunlight.

12- 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).



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

Sea transport

- IMO-IMDG : Class 3
IMO Packing group : III
- EMS-Nr : F-E S-E
- IMDG-Marine pollution : YES 0

Air transport

- ICAO/IATA : Packaging instructions cargo : 310
Packaging instructions passenger: 309
- IATA : 3
IATA Packing group : III

15- REGULATORY INFORMATION

Symbol(s) : Harmful.

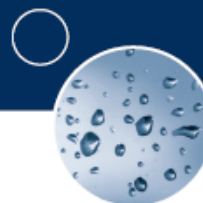
R Phrase(s) : R10 : Flammable.
R20 : Harmful by inhalation.
R36/38 : Irritating to eyes and skin.

Symbol(s) : Harmful.

R Phrase(s) : R10 : Flammable.
R20 : Harmful by inhalation.
R36/38 : Irritating to eyes and skin.
R43 : May cause sensitization by skin contact.

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.

MATRIX PREMIUM



16- OTHER INFORMATION

Text of R-Phrases in § 3

: R10 : *Flammable.*
: R11 : *Highly flammable.*
: R20 : *Harmful by inhalation.*
: R36/38 : *Irritating to eyes and skin.*
: R37/38 : *Irritating to respiratory system and skin.*
: R43 : *May cause sensitization by skin contact.*

Recommended uses and restrictions

: See product bulletin for detailed information.

Sources of key data used

: INERIS - INRS

Further information

: Revision - See : *

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