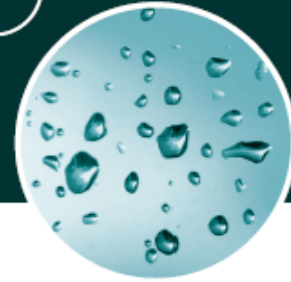


MATRIX PREMIUM

“ The grp roofing system
with the 20 year guarantee ”



MATERIAL SAFETY DATA SHEET

Matrix Premium / Premium Zer0° Roofing Resin

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

Trade name : Matrix Premium / Premium Zer0° Roofing Resin
International Dialling : ++33 (0)1 45 42 5959
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

Risk Phrases : Irritating to eyes and skin.
Harmful by inhalation and in contact with skin.
Harmful.
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.

3- COMPOSITION / INFORMATION ON INGREDIENTS

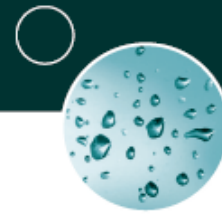
This product is considered to be hazardous and contains hazardous components.

Composition : POLYESTER RESIN

| Substance name | Value(s) | CAS No / EC No / EC Index | Symbol(s) | R-Phrase(s) |
|---------------------------|----------|-------------------------------------|-----------|-----------------------|
| <u>Styrene</u> | : < 12,5 | 100-42-5 / 202-851-5 / 601-026-00-0 | Xn | 10-20-36/38 |
| <u>N,N-diethylaniline</u> | : < 1 | 91-66-7 / 202-088-8 / 612-054-00-8 | T N | 23/24/25-33-51/ 53 |

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 MEASURES

| | |
|----------------|---|
| First aid | |
| - Inhalation | : Remove victim to fresh air. Obtain medical attention if breathing difficulty persists. |
| - Skin contact | : Take off immediately all contaminated clothing. Wash skin with mild soap and water. |
| - Eye contact | : Rinse immediately with plenty of water. Seek medical attention immediately. |
| - Ingestion | : DO NOT INDUCE VOMITING. Obtain emergency medical attention. |

5- FIRE FIGHTING MEASURES

| | |
|--------------------------|--|
| Extinguishing media | : Carbon dioxide. Foam. |
| - Not to be used | : Do not use a heavy water stream. |
| Special exposure hazards | : On exposure to high temperature, may decompose, releasing toxic gases. |
| Protection against fire | : Wear recommended personal protective equipment. |

6- ACCIDENTAL RELEASE MEASURES

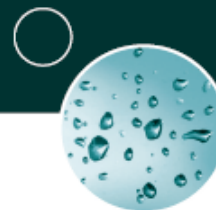
| | |
|-------------------------------|---|
| Personal precautions | : Avoid contact with skin and eyes. Evacuate and limit access. Eliminate every possible source of ignition. Wear recommended personal protective equipment. |
| Environmental precautions | : Prevent entry to sewers and public waters. |
| After spillage and/or leakage | : The hazard of any unavoidable spillage can be reduced by using as walking surface an open grating which will permit this material to fall into the open spaces between grating bars for later recovery. |

7- HANDLING AND STORAGE

| | |
|----------|---|
| Storage | : Prevent entry to sewers and public waters. Keep in original containers closed. Keep away from heat. |
| Handling | : Avoid contact with skin and eyes. Wear recommended personal protective equipment. No smoking. |

8- ECOLOGICAL INFORMATION

| | |
|--------------------------------|--|
| Ecological effects information | : This product contains hazardous components for the aquatic environment. |
| Persistence and degradability | : Do not discharge into any place where its accumulation could be dangerous. |



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

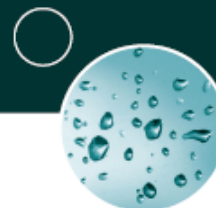
| | |
|--------------------------------|--------------------------------|
| Physical state | : Viscous liquid. |
| Colour | : Blue-green. |
| Odour | : Characteristic. |
| pH value | : No data available. |
| Initial boiling point [°C] | : 146°C |
| Density | : 1120 kg/m ³ @25°C |
| Vapour pressure [hPa] | : 7,3 hPa |
| Viscosity | : 350 mPa.s @25°C |
| Solubility in water | : Material insoluble in water. |
| Solubility in | : Acetone. Ethanol. |
| Flash point [°C] | : 32°C |
| Auto-ignition temperature [°C] | : >425°C |
| Explosion limits - lower [%] | : 1,1% |
| Explosion limits - upper [%] | : 8,0% |

11- STABILITY AND REACTIVITY

- Hazardous reactions : Strong oxidizing agents.

12- TOXICOLOGICAL INFORMATION

| | |
|---------------------------------|--|
| Acute toxicity | |
| - Inhalation | : Harmful by inhalation. |
| - Dermal | : Irritating to skin. |
| - Ocular | : Irritating to eyes. |
| - Ingestion | : Harmful if swallowed. |
| Carcinogenicity | : None known. |
| Mutagenicity | : None known. |
| On ingredients | : See Heading 2 (Information on ingredients). |
| Other toxicological information | : Irritating to eyes, respiratory system and skin. |



13- DISPOSAL CONSIDERATIONS

Disposal : Avoid release to the environment. Refer to special instructions and/or Safety data sheets.
Comply with local regulations for disposal.

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

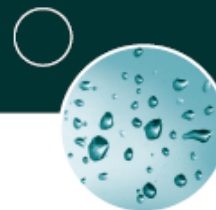
- IMO-IMDG : Class 3
IMO Packing group : III
- EMS-Nr : F-E S-E
- IMDG-Marine pollution : YES ò

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.



16- OTHER INFORMATION

| | |
|-----------------------------------|---|
| Text of R-Phrases in § 3 | : <i>R10 : Flammable.</i> <i>R20 : Harmful by inhalation.</i> <i>R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.</i> <i>R33 : Danger of cumulative effects.</i> <i>R36/38 : Irritating to eyes and skin.</i> <i>R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</i> |
| Recommended uses and restrictions | : For professional use only. See product bulletin for detailed information. |
| Sources of key data used | : INERIS - INRS |