



Harmful

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

Trade name : RM 2000.  
 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

### 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)
<u>Styrene</u>	: < 45 %	100-42-5 / 202-851-5 / 601-026-00-0	Xn	10-20-36/38
<i>Rat oral LD50 [mg/kg]</i>	: 5000			
<i>Mouse oral LD50 [mg/kg]</i>	: 300			
<u>Methyl methacrylate</u>	: < 7 %	80-62-6 / 201-297-1 / 607-035-00-6	F Xi	11-37/38-43
<i>TLV</i>	: 100 ppm			
<i>Rat oral LD50 [mg/kg]</i>	: 8000			

### 4 FIRST AID MEASURES

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 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  
Methyl methacrylate : TLV : 100 ppm

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : Liquid.
- Colour : Creme.
- Odour : Characteristic.
- pH value : Not applicable.
- Initial boiling point [°C] : 146
- Density : > 1
- Solubility in water : Insoluble.
- Flash point [°C] : 31
- Auto-ignition temperature [°C] : 490
- Explosion limits - lower [%] : 1.1 (styrène)
- Explosion limits - upper [%] : 6.1 (styrène)

### 10 STABILITY AND REACTIVITY

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

### 11 TOXICOLOGICAL INFORMATION

- Acute toxicity
- Inhalation : Harmful by inhalation.
  - Dermal : Irritating to skin.
  - Ocular : Irritating to eyes.
  - Ingestion : Harmful if swallowed.

### 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.

### 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

Hazard Label(s)



Shipping name : UN 1866 RÉSINE EN SOLUTION, 3, III  
 - UN No. : 1866  
 - H.I. nr : 30  
 - ADR/RID : Special provision : 640F1  
 Class : 3  
 Group : III

### 15 REGULATORY INFORMATION

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) : 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.  
 S37 : Wear suitable gloves.

### 16 OTHER INFORMATION

Text of R-Phrases in § 2 : 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 : \*

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

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