



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 : RM 3000.
 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 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>	: < 25 %	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>	: < 2 %	80-62-6 / 201-297-1 / 607-035-00-6	F Xi	11-37/38-43
<i>Rat oral LD50 [mg/kg]</i>	: 8000			

3 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.

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.

5 FIRE-FIGHTING MEASURES (continued)

- 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 : 1.45
 Solubility in water : Insoluble.
 Flash point [°C] : 31
 Auto-ignition temperature [°C] : 490
 Explosion limits - lower [%] : 1.1
 Explosion limits - upper [%] : 6.1

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.
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.
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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

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	: <i>R10 - Flammable.</i> <i>R11 - Highly flammable.</i> <i>R20 - Harmful by inhalation.</i> <i>R36/38 - Irritating to eyes and skin.</i> <i>R37/38 - Irritating to respiratory system and skin.</i> <i>R43 - May cause sensitization by skin contact.</i>
Recommended uses and restrictions	: See product bulletin for detailed information.
Sources of key data used	: INERIS - INRS
Further information	: Revision - See : *



SAFETY DATA SHEET

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Date : 6/7/2004

Supersedes : 0/0/0

RM 3000

PF_0003

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

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