

## NORESTER 2550 NV PRE\_ACCELEREE

**PF\_0152**



### SECTION 1 Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Identification of the product** : TOOLING RESIN  
**Trade name** : NORESTER 2550 NV PRE\_ACCELEREE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Sector of use category** : Chemical industries.  
**Article Category** : Resin.  
**Chemical product category** : Flammable liquid.  
**Process category** : Making polyester mold

#### 1.3. Details of the supplier of the safety data sheet

**Company identification** : Nord Composites  
 Z.A. Route d'Amiens  
 F-80890 Condé-Folie France  
  
**E-mail address of the person responsible for safety data sheet** : qualite@nord-composites.com

#### Distributed by:

Composite Essential Materials  
 315 NW Peacock Blvd  
 Port St. Lucie, FL 34986  
 essential.composite@gmail.com

#### 1.4. Emergency telephone number

**Emergency phone no** : 01.45.42.59.59

**US 24 Hour Response No. Infotrac 106236 800-535-5053**

### SECTION 2 Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification EC 67/548 or EC 1999/45

**Classification** : R10  
 Xn; R20-48/20  
 Xi; R36/37/38  
 R43

##### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Classification in 2015

#### 2.2. Label elements

##### Labelling EC 67/548 or EC 1999/45

**Symbol(s)** : Harmful.



**R Phrase(s)** : R10 : Flammable.  
 R20 : Harmful by inhalation.  
 R36/37/38 : Irritating to eyes, respiratory system and skin.  
 R43 : May cause sensitization by skin contact.  
 R48/20 Harmful : danger of serious damage to health by prolonged exposure through inhalation.

**S Phrase(s)** : S37 : Wear suitable gloves.

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### SECTION 2 Hazards identification (continued)

Contains : Styrene  
Methyl methacrylate

#### 2.3. Other hazards

Other hazards : None under normal conditions.

### SECTION 3 Composition/information on ingredients

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

#### 3.1./3.2. Substance / Preparation

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Styrene	< 40 %	100-42-5	202-851-5	601-026-00-0	01-2119457861-32-XXXX	R10 Xn; R20-65-48/20 Xi; R36/37/38 ----- Asp. Tox. 1;H304 Flam. Liq. 3;H226 Acute Tox. 4 (Inhalation);H332 Eye Irrit. 2;H319 Skin Irrit. 2;H315 STOT SE3; H335 STOT RE 1;H372
Methyl methacrylate	< 3 %	80-62-6	201-297-1	607-035-00-6	01-2119452498-28-XXXX	F; R11 Xi; R37/38 R43 ----- Flam. Liq. 2;H225 Skin Irrit. 2;H315 Skin Sens. 1;H317 STOT SE3; H335

### SECTION 4 First aid measures

#### 4.1. Description of first aid measures

- First aid measures** : Remove soiled clothing promptly. Personal protection for the First Aider.
- First aid**
- **Inhalation** : Remove victim to fresh air. Apply artificial respiration if breathing stopped. 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. If skin irritation occurs: Get medical advice/attention
  - **Eye contact** : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - **Ingestion** : Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Inhalation** : Irritation of respiratory tract. Sore throat. Cough. Causes depression of the nervous system.
- Skin contact** : Skin irritation.
- Eye contact** : Eye irritation.
- Ingestion** : See inhalation.
- Chronic toxicity (target organs)** : No data available.
- General information** : Obtain emergency medical attention.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

**NORESTER 2550 NV PRE\_ACCELEREE****PF\_0125****SECTION 5 Firefighting measures****5.1. Extinguishing media****Extinguishing media**

- Suitable : Carbon dioxide. Foam. Powder. Water fog.
- Not to be used : Heavy water stream.

**5.2. Special hazards arising from the substance or mixture**

Under fire conditions, hazardous fumes will be present. Carbon monoxide. Carbon dioxide.

**5.3. Advice for firefighters**

Wear proper protective equipment. Wear suitable respiratory equipment.  
Use water spray or fog for cooling exposed containers. Risk of explosion. Prevent entry to sewers and public waters.

**SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate and limit access. Eliminate every possible source of ignition. Wear recommended personal protective equipment. Suitable respiratory equipment. Ensure adequate air ventilation.

**6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

Absorb excess liquid spillage on inorganic adsorbent material such as fine sand, brick dust etc. Place spillage in an appropriate labeled container for disposal. Assure discharge complies with applicable regulations.

**6.4. Reference to other sections**

See Heading 8. 1. 13.

**SECTION 7 Handling and storage****7.1. Precautions for safe handling**

Provide good ventilation in process area to prevent formation of flammable vapour. No naked lights. No smoking. Keep away from sources of ignition. Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage** : Keep only in the original container in a cool, well ventilated place. (18 - 25°C) Keep away from heat. Do not store near oxidizing agents or acidic material.

**7.3. Specific end use(s)**

No data available.

**SECTION 8 Exposure controls/personal protection****8.1. Control parameters**

Styrene: TLV: 50 ppm - 215 mg/m<sup>3</sup>  
Methyl methacrylate: TLV: 100 ppm - 410 mg/m<sup>3</sup>

**8.2. Exposure controls****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.

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## SECTION 8 Exposure controls/personal protection (continued)

- Skin protection : Protective clothing not absolutely necessary.
- Eye protection : Chemical goggles or safety glasses.
- Ingestion : When using, do not eat, drink or smoke.

## SECTION 9 Physical and chemical properties

- Physical state : Viscous liquid.
- Colour : Miscellaneous
- Odour : Characteristic.
- pH value : No data available.
- Initial boiling point [°C] : 146 (Styrene)
- Flash point [°C] : 31 (Styrene)
- Density : See technical data sheet
- Solubility in water : Insoluble.
- Auto-ignition temperature [°C] : 480 (Styrene)
- Viscosity : See technical data sheet
- Explosion limits - lower [%] : 1.1 (Styrene)
- Explosion limits - upper [%] : 6.1 (Styrene)
- Properties : See technical data sheet

## SECTION 10 Stability and reactivity

**10.1. Reactivity**

Stable under normal conditions of storage, handling and use.

**10.2. Chemical stability**

Unstable under the action of heat.

**10.3. Possibility of hazardous reactions**

Oxidizing agent. Acidic.

**10.4. Conditions to avoid**

Prolonged storage. Heat. Direct sunlight. Open flame.

**10.5. Incompatible materials**

Acidic.

**10.6. Hazardous decomposition products**

Acids. Hydrocarbon. Carbon dioxide.

## SECTION 11 Toxicological information

**Acute toxicity**

- Inhalation : Harmful by inhalation.
- Rat inhalation LC50 [mg/l/4h] : 10 - 25 (Styrene)
- Dermal : Irritating to skin.
- Ocular : Irritating to eyes.
- Ingestion : Harmful if swallowed.
- Rat oral LD50 [mg/kg] : 5000 (Styrene)
- Mutagenicity : None known.
- Carcinogenicity : None known.
- Reproductive toxicity : None known.

**NORESTER 2550 NV PRE\_ACCELEREE****PF\_0125****SECTION 11 Toxicological information (continued)**

Test on ingredients : No data available  
On ingredients : See Section 2 (Information on ingredients).

**SECTION 12 Ecological information****12.1. Toxicity**

Toxicity information : This product contains hazardous components for the aquatic environment.  
LC50-96 Hour - fish [mg/l] : 32 (Styrene)  
48 Hour-EC50 - Daphnia magna [mg/l]: 23 (Styrene)  
IC50 72h Algae [mg/l] : 4.9 (Styrene)

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

Do not flush into surface water or sewer. Avoid spillage in the basement.

**SECTION 13 Disposal considerations****13.1. Waste treatment methods**

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.

**SECTION 14 Transport information****14.1. UN number**

: 1866

**14.2. UN proper shipping name**

: UN1866 RESIN SOLUTION, 3, III, (D/E)

**14.3. Transport hazard class(es)**

Labelling : 3: Flammable liquids  
- Class : 3  
Code tunnel : D/E  
- H.I. nr : 30  
- ICAO/IATA : Packaging instructions cargo 366  
Packaging instructions passenger: 355  
- EMS-Nr : F-E S-E

**14.4. Packing group**

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### SECTION 14 Transport information (continued)

Group: III

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Attention: Flammable liquid.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No data available.

### SECTION 15 Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Ensure all national/local regulations are observed.

**15.2. Chemical safety assessment**

No data available.

### SECTION 16 Other information

- List of relevant R phrases (§ 3)** : R10 : Flammable.  
 R11 : Highly flammable.  
 R20 : Harmful by inhalation.  
 R36/37/38 : Irritating to eyes, respiratory system and skin.  
 R37/38 : Irritating to respiratory system and skin.  
 R43 : May cause sensitization by skin contact.  
 R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 R65 : Harmful : may cause lung damage if swallowed.
- List of relevant H phrases (Section 3)** : H225 - Highly flammable liquid and vapor  
 H226 - Flammable liquid and vapor  
 H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H317 - May cause an allergic skin reaction  
 H319 - Causes serious eye irritation  
 H332 - Harmful if inhaled  
 H335 - May cause respiratory irritation  
 H372 - Causes damage to organs ... through prolonged or repeated exposure ....
- Print date** : 25 / 2 / 2014
- Recommended uses and restrictions** : See product bulletin for detailed information.
- Sources of key data used** : INERIS - INRS
- Further information** : Revision - See: \*



NFPA	Health Hazards: 2	Flammability 3	Instability 2
HMIS	Health Hazards: 2	Flammability 3	Instability 2

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