

# Safety Data Sheet 91/155/EEC (GB)

## NORSOREX-NORSOREX-1

Zeon Chemicals Europe Ltd. GB- Sully, CF64 5YU



Revised: 27.02.2002

### 01. Identification of the substance / preparation and of the company

NORSOREX-N  
NORSOREX-NS

**Product using:** Rubber products

**Company:** Zeon Chemicals Europe Ltd.

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### 02. Composition / Information on ingredients

Substance	EINECS	CAS	Range [%]	Symbol / R-phr.
Polynorbornene Polymer		25038-76-0	~100	

### 03. Hazards identification

No particular hazards known.

### 04. First aid measures

#### General information

None.

#### Inhalation

Ensure supply of fresh air. In the event of symptoms refer for medical treatment.

#### Skin contact

Consult a doctor if skin irritation persists.

#### Eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

#### Ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

#### Advice to doctor

Treat symptomatically.

### 05. Fire-fighting measures

#### Suitable extinguishing media

Water spray jet. Dry powder. Carbon dioxide. Foam.

#### Extinguishing media that must not be used

Full water jet.

#### Special exposure hazards arising from the substance or preparation itself or combustion products

Risk of formation of toxic pyrolysis products.

#### Special protective equipment for firefighters

Use self-contained breathing apparatus.

#### Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Cool containers at risk with water spray jet.

### 06. Accidental release measures

#### Personal precautions

Ensure adequate ventilation. Avoid dust formation. Keep away sources of ignition.

#### Environmental precautions

Do not discharge into the drains/ surface waters/ groundwater.

#### Methods for cleaning up/taking up

Take up mechanically. Avoid raising dust. Dispose of absorbed material in accordance with the regulations.

### 07. Handling and storage

#### Advice on safe handling

Provide extraction if dust raised. Avoid the formation and deposition of dust.

#### Advice on protection against fire and explosion

Dust can form an explosive mixture with air. Keep away from sources of ignition.

#### Requirements for storage rooms and vessels

Keep only in original container.

#### Advice on storage compatibility

Do not store with combustible materials.

#### Further information on storage conditions

Keep container tightly closed. Keep in a cool place. Protect from light. Storage stability at most: 12 months. (Risk of self-heating)

### 08. Exposure controls / personal protection

#### Additional advice on system design

#### Ingredients with occupational exposure limits to be monitored

Not applicable.

#### Respiratory protection

Breathing apparatus in the event of high concentrations. Short term: filter apparatus, Filter P1.

#### Hand protection

Plastic gloves.

#### Eye protection

Safety glasses.

#### Skin protection

None.

#### General protective measures

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Avoid contact with eyes and skin. Do not inhale dust.

### Hygiene measures

Wash hands before breaks and after work. Use barrier skin cream.

### 09. Physical and chemical properties

Form:	Powder.
Colour:	White.
Odour:	Characteristic.
pH-value:	Not applicable.
Boiling point [°C]:	-
Flash point [°C]:	Not applicable.
Flammability:	-
Lower explosion limit:	-
Upper explosion limit:	-
Combustible properties:	No
Vapour pressure [hPa]:(20°C)	-
Density [g/cm <sup>3</sup> ]:	0,96
Solubility in water:	Insoluble.
Partition coefficient: n-octanol / water:	-
Viscosity:	Not applicable.
Relative vapour density determined in air	
Melting point [°C]:	-
Autoignition temperature:	-

### 10. Stability and reactivity

#### Hazardous reactions

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air. Auto-ignition at high temperatures. If product is heated above decomposition temperature toxic vapours may be released.

#### Hazardous decomposition products

No hazardous decomposition products known.

### 11. Toxicological information

Acute oral toxicity	LD50 :
Acute dermal toxicity	LD50 :
Acute inhalational toxicity	LC50 :
Irritant effect on eye	
Sensitization / Validation	
Chronic toxicity / Validation	
Mutagenicity / validation	
Reproduction toxicity / Validation	
Carcinogenicity / Validation	
Experiences made in practice	

#### General remarks

No toxicological data are available.

### 12. Ecological information

#### Biodegradable

Not applicable.

#### Fish toxicity

#### Behaviour in sewage plant

Not applicable.

#### AOX-advice

No dangerous components.

#### General information

Ecological data are not available.

#### Contains compounds of 76/464/EC

Not applicable.

### 13. Disposal considerations

#### Disposal / Product

For recycling, consult manufacturer. Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. 070299

#### Disposal / Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product. Uncontaminated packaging may be reused.

### 14. Transport information

#### 14.1 Classification according to ADR:

ADR: not classified as Dangerous Goods

#### Dangerous Goods

#### Declaration:

#### Inscriptions:

Factor(ADR 10 011):

#### Hazard-no:

#### Label:

#### 14.2 Classification according to IMDG:

IMDG-Code: not classified as Dangerous Goods

#### Dangerous Goods

#### Declaration:

#### Inscriptions:

#### Label:

#### 14.3 Classification according to IATA:

IATA-DGR: not classified as Dangerous Goods

#### Dangerous Goods

#### Declaration:

#### Inscriptions:

#### Label:

### 15. Regulatory information

#### Labelling

The product does not require a hazard warning label in accordance with EC directives

#### Hazard symbols

### Special labelling for certain preparations

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Not applicable.

## National regulations

Not applicable.

## 16. Other informations

### Regulatory information

- \* 91/155/EWG (2001/58/EG)
- \* 67/548/EWG (2001/59/EG)
- \* 88/379/EWG (2001/60/EG)
- \* 91/689/EWG (2001/118/EG)
- \* 89/542/EWG
- \* ADR (23.07.01)
- \* IMDG-Code (30.Amdt.)
- \* IATA-DGR (2001)

### Modified position:

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