

## Material Safety Data Sheet (91/155/EWG)

**Product: Matrox SE**

Issue Date: 23.06.2008  
Revision Date:  
Print Date: 23.06.2008

Version: 1  
Page: 1 of 3

### 1. Identification of the article and of the company/undertaking

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Article: **Matrox SE**  
Company: Röchling Engineering Plastics KG  
Polystone Division  
D-49724 Haren/Germany  
Phone.: +49 5934 701-0, Fax –299  
info@roechling-plastics.com  
www.roechling-plastics.com

### 2. Composition / Information on ingredients

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Chemical characterization: Polyethylene, eventually Olefines - Copolymerisat,  
Stabiliser, Additive, Ammonium polyphosphate,  
Graphite  
Dangerous substances: ---

### 3. Hazards identification

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No particular hazards known ---

### 4. First aid measures

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General hints: ---  
In case of inhalation: ---  
In case of contact with skin: After contact with molten product cool quickly with cold water.  
Do not pull solidified product from skin.  
Take for medical treatment

### 5. Fire – fighting measures

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Suitable extinguishing substances: Water, foam, dry powder, carbon dioxide  
Unsuitable extinguishing substances: ---  
In case of fire, the following hazardous can be produced: CO, CO<sub>2</sub>, ammonia, Nitric oxide (NO<sub>x</sub>), Phosphor oxide (P<sub>x</sub>O<sub>y</sub>), Sulfur oxide (SO<sub>2</sub>)  
Special protective equipment: self-contained breathing apparatus and protecting clothes  
Further statements: Collect separately contaminated water for fire-fighting, it is forbidden to reach this into the sewage system.

## Material Safety Data Sheet (91/155/EWG)

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Page: 2 of 3

### 6. Accidental release measures

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None

### 7. Handling and storage

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Product includes combustible Polymere. Take precautionary measures against fire and explosion.

### 8. Exposure controls / personal protection

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Personal protective equipment: ---

General protection/ hygiene measures: Avoid contact of molten material with skin

CAS-no.: 9002-88-4  
68333-79-9 (Ammonium polyphosphate)  
7782-42-5 (Graphite)

### 9. Physical and chemical properties

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#### Appearance

Form: Firm

Colour: natural or coloured

Odour: Odourless

#### Change in physical state

Crystalline melting point: 100 – 140 °C (DSC)

Ignition temperature: > 360 °C

Density (23 °C): 0,92 – 0,97 g/cm<sup>3</sup> (ISO 1183)

Solubility: Insoluble in water

### 10. Stability and reactivity

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Thermal decomposition: > 390 °C

Dangerous reactions: ---

Dangerous decomposition products: ---

## Material Safety Data Sheet (91/155/EWG)

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Page: 3 of 3

### 11. Toxicological information

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According to experience, the product is considered to be harmless to health if handled in the correct manner

### 12. Ecological information

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Product is insoluble in water

Harmful effects to fish and bacteria: not harmful

### 13. Disposal instructions

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Product:

In accordance with the necessary technical regulations may be dumped or incinerated with household waste, after consultation with site operator and with the responsible authority

Waste code no. for unused product: 120105

Name of waste: Polyolefine wastes

### 14. Transportation data

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Non dangerous goods according to the transport regulations

### 15. Regulations

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Labelling in accordance with hazard warning labelling not compulsory  
GefStoffV / EC:

National Hazard Class (Germany): 0 (self classification)

### 16. Other information

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This information is based on our present state of knowledge.

It should not therefore be construed as guaranteeing specific properties of the product described or their suitability for a particular application.