

## Safety Information for Articles

according to 1907/2006/EC, Article 33

Printing date: 04.09.2009

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### VETRONIT EGS 619

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

- **Product details:**
- **Trade name:** VETRONIT EGS 619
- **Use of the article:** Technical laminates
- **Manufacturer/supplier:** Von Roll Deutschland GmbH  
Theodor-Sachs-Str. 1, 86199 Augsburg, Germany  
Telephone +49 821 9020, telefax +49 821 902239
- **Further information obtainable from:** Department Process Technology  
Telephone +49 821 902271, telefax +49 821 902318  
E-Mail peter.menhofer@vonroll.com
- **Information in case of emergency:** +49 821 9020

#### 2. Hazards identification

- **Hazards description:**  
This product does not require labelling. Please observe the safety information of this data sheet.
- **Information concerning particular hazards to man and environment:**  
Inhalation of dust may cause irritation of the respiratory system.

#### 3. Composition/information on ingredients

- **Chemical characterization:**  
Laminate based on glass filament fabric and epoxy resin
- **Composition:**  
E-glass continuous fibres, diameter of the filaments:  $\geq 5 \mu\text{m}$   
Modified, brominated epoxy resin, heat-cured
- **Dangerous components:** None
- **Additional information:** Not applicable

#### 4. First aid measures

- **General information:**  
No special measures required.
- **After skin contact:**  
Wash with water and soap.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Rinse mouth thoroughly with water.

#### 5. Fire-fighting measures

- **Suitable extinguishing media:**  
Water, foam, dry powder, carbon dioxide (CO<sub>2</sub>).
- **Extinguishing media which shall not be used for safety reasons:**  
Strong water jet.
- **Special exposure hazards arising from the article itself, combustion products, resulting gases:**  
In case of burning hydrogen bromide will be produced, oxides of carbon (CO), nitrogen oxides and other toxic gases or vapours may be released.
- **Special protective equipment for fire-fighters:**  
Wear self-contained breathing apparatus.
- **Additional information:**  
Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. The material is flame resistant (class VO according to UL 94).

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#### 6. Accidental release measures

- **Personal precautions:**  
Avoid generation of dust.
- **Measures for cleaning/collecting:**  
Treat the recovered material as prescribed in the section 13 "Disposal considerations".

#### 7. Handling and storage

- **Handling:**
- **Information for safe handling:**  
Dust should be exhausted directly at the point of origin.
- **Information about fire- and explosion protection:**  
The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion. Dust explosion category: ST 1
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a dry and cool place.

#### 8. Exposure controls/personal protection

- **Additional information about design of technical facilities:**  
No further data, see item 7
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Wash hands before breaks and after work.
- **Respiratory protection:**  
Respiratory protection necessary at insufficient exhaust.
- **Hand protection:**  
Gloves made of tear-resistant material (e.g. chromate-free leather) recommended. Do not wear gloves near rotary machines and tools.
- **Eye protection:**  
Required when machining the material.

#### 9. Physical and chemical properties

- **General information:**

<b>Form:</b>	Solid
<b>Colour:</b>	Light green
<b>Odour:</b>	Odourless
- **Melting point:** Decomposition before melting (>200 °C).
- **Solubility:** Almost insoluble in water and organic solvents.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** approx. 1,9 g/cm<sup>3</sup>

#### 10. Stability and reactivity

- **Thermal decomposition/conditions to avoid:**  
Decomposes before melting. Thermal decomposition can lead to the escape of irritating gases and vapours.
- **Hazardous reactions:**  
No hazardous reactions known.
- **Hazardous decomposition products:**  
Decomposes without melting. Thermal decomposition can lead to the escape of irritating gases and vapours.

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#### 11. Toxicological information

- **Acute toxicity:** None
- **Primary irritant effect**  
**on the skin:** Mechanical irritant effect through glass fibre dust possible.  
**on the eye:** Mechanical irritant effect through glass fibre dust possible.

#### 12. Ecological information

- **General information:**  
 Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.

#### 13. Disposal considerations

- **Product:**
- **Recommendation:**  
 Dispose of waste according to applicable local, state and federal regulations.
- **European Waste Catalogue:**
- **Waste code number:**  
 17 06 04 (insulation material other than those mentioned in 17 06 01 and 17 06 03)

#### 14. Transport information

- **Land transport ADR/RID (cross-border):** -
- **ADR/RID class:** -
- **Marine transport IMDG:** -
- **IMDG class:** -
- **Air transport ICAO-TI and IATA-DGR:** -
- **ICAO/IATA class:** -
- **Transport/additional information:**  
 No hazardous material as defined by national and international transport regulations.

#### 15. Regulatory information

- **Labelling according to EU guidelines:**  
 There is no requirement for the product to be specially labelled according to EC-regulations or the corresponding national laws.

#### 16. Other information

- **Product details:** See product data sheet
- **Department issuing Data Sheet:** Process technology
- **Contact:** Peter Menhofer

\* Data changed compared with the previous version.

Under REACH Safety Data Sheets have to be provided for substances and preparations (Article 31).

For articles there is the duty, to communicate information on certain substances, contained in articles in a concentration above 0,1 % (w/w). Any supplier shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance (Article 33).

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.