

Printing date 26.02.2008

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1 Identification of the substance/preparation and of the company/undertaking

- **Product details**

- **Trade name:** Emtex® U 936

- **Article number:** 030640

- **Application of the substance / the preparation** Fire retarding agent

- **Manufacturer/Supplier:**

Weserland GmbH

P.O. Box 21 04 80, 30404 Hannover (Germany)

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www.weserland.eu

- **Further information obtainable from:**

Quality / environment department, Mr. Ehrle, email: ehrle@weserland.eu

- **Information in case of emergency:**

Due operating hours

Dept. Quality/Environment

Phon +49 511 97997-36

or Phon +49 511 97997-0

2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 43 May cause sensitisation by skin contact.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.


3 Composition/information on ingredients

- **Chemical characterization**

- **Description:**

Aqueous dispersion of natural rubber and a carboxylated styrene-butadiene copolymer as binder and an anorganic aluminium compound with additives.

- **Dangerous components:**

| | | | |
|--------------------------------------|----------------------|--|--------|
| CAS: 21645-51-2 EINECS: 244-492-7 | aluminium hydroxide | | 10-25% |
| CAS: 9006-04-6 EINECS: 232-689-0 | Natural rubber latex |  Xi; R 43 | 10-25% |

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.

- **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

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- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**
If symptoms persist consult doctor.
If swallowed, rinse mouth with water (only if the person is conscious).

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
May be released in case of fire:
harmful gases/vapours
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
Being an aqueous system, product itself does not burn. Fire extinguishing measures to be adopted to ambient fire.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store dry and cool, protect from frost.
+5 - +30°C
- **Storage class:** Storage classification (VCI-D): 12 Non-combustible liquids.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**
In latex processing (e.g. in drying operations): Provide good ventilation or extraction.
- **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:**
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not necessary if room is well-ventilated.

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· Protection of hands:


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· Material of gloves

Rubber gloves

(EN 374)

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:

Goggles recommended during refilling

Tightly sealed goggles

(EN 166)

· Body protection:

Protective work clothing

(EN 344)

9 Physical and chemical properties

· General Information

| | |
|----------------|--------------|
| Form: | Fluid |
| Colour: | Whitish |
| Odour: | Ammonia-like |

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: ~ 100°C

· Flash point: Not applicable.

· Self-igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Density at 20°C: ~ 1.1 g/cm³

· Solubility in / Miscibility with water: Fully miscible.

· pH-value at 20°C: 8.5 - 10.5

· Viscosity:
Dynamic at 20°C: 1500 - 2500 mPas

· Solvent content:
Organic solvents: 0.1 %

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Dangerous reactions No dangerous reactions known.

· Dangerous decomposition products: No dangerous decomposition products known.

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11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** No data available.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant
- **Sensitisation** May cause sensitisation by skin contact.

12 Ecological information

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**

Xi Irritant
- **Hazard-determining components of labelling:**

Natural rubber latex

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· Risk phrases:

43 May cause sensitisation by skin contact.

· Safety phrases:

24 Avoid contact with skin.

36/37 Wear suitable protective clothing and gloves.

60 This material and its container must be disposed of as hazardous waste.

· National regulations:

| Class | Share in % |
|-------|------------|
| NK | 21.1 |

16 Other information

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.

· Relevant R-phrases

43 May cause sensitisation by skin contact.

· Department issuing MSDS: Quality / env. dept.**· Contact:** Mr. Ehrle, email ehrle@weserland.eu

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