

January 18, 2016

Materials Safety Data Sheet according to 91/155/EWG

1 Identification of substance

1.1 Trade name

SEMGLU

1.2 Manufacturer / Supplier

Kleindiek Nanotechnik GmbH
Aspenhastr. 25
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2 Hazards identification

2.1 Hazard statements

Xi irritant

2.1 Hazard statements

R 36 irritant to eyes

3 Composition / Information on Ingredients

3.1 Chemical Characterization

80 – 95 % resin
<5 % polyalcohol
<10 % tensides
<4 % thixotropy fluid

3.2 Hazardous Ingredients

Adipinacid, Index No. 607-144-00-9, CAS-No. 124-04-9, EG-Nr. 204-673-3
Share: 1-5%, classification: Xi, R 36

4 First aid measures

4.1 General Information

Change contaminated, saturated clothing

4.2 In case of inhalation

Supply fresh air, consult doctor in case of complaints

4.3 In case of skin contact

Wash with water and soap and rinse thoroughly.

4.4 In case of eye contact

Rinse opened eye for several minutes under running water. In case of persisting irritation consult a doctor.

4.5 In case of ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. In case of persisting problems consult a doctor.

5 Fire fighting measures

5.1 Suitable extinguishing media

CO₂, extinguishing powder, water

5.2 Inexpedient fire-fighting means

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5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases.

Carbon monoxide may result

Protective equipment: No special measures required

6 Accidental release measures

Person-related safety precautions: Ensure adequate ventilation

Measures for environmental protection: Do not allow to enter sewers/surface or ground water

Measures for cleaning: Pick-up mechanically

7 Handling and storage

7.1 Handling

Information for safe handling: Store in dry conditions in the delivered receptacle.

Information about protection against explosions and fires: n.a.

7.2 Storage

Requirements to be met by storerooms and receptacles: Store under dry conditions in the delivered receptacle.

Further information about storage conditions: none

8 Exposure controls Personal Protection

8.1 Additional information about design of technical systems

No further data, see section 7.

8.2 Components with limit values that require monitoring at the workplace:

none

8.3 Additional Information

none

8.4 Personal protection equipment

General protective and hygienic measures:

- The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed.
- Avoid contact with the eyes and skin
- Avoid direct contact with the product
- Protection of hands: Use gloves, general purpose vinyl gloves are sufficient

9 Physical and chemical properties

9.1 General information

Form: paste-like

Color: lutescent

Odor: none

9.2 Change in condition

Melting point: appr. 60°C

Ignition temperature: n/a

Auto ignition: product is not self igniting

Danger of explosion: Product is not explosive

Explosion limits: n/a

Vapour pressure : n/a

Density at 20°C: 0.9 g/ml

Solubility in water : not solvable

10 Physical stability and reactivity

Thermal decomposition / conditions to be avoided: the product is stable under the recommended handling and storage conditions (see section 7).

Dangerous reactions: No dangerous reactions known

Hazardous decomposition products: see point 5

11 Toxicological Information

Acute Toxicity: n.s.

Primary irritant effects

- on the eye: n.s.

- on the skin; n.s.

Sensitization: n.s.

12 Ecological information:

General notes: Water hazard class I: slightly hazardous for water

13 Disposable considerations

Product recommendation: Disposal must be made according to official regulations

Uncleaned Packaging: Disposal must be made according to official regulations

14 Transport information:

DOT regulations: not hazardous according to the transport regulations

15 Regulations:

Identification according to EWG regulations: n.a.

Classification according to VbF: WGK 1 - slightly hazardous for water

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.