

# Material Safety Data Sheet

Product name: **Gehwol Nagelmasse**

Date prepared: 25. January 2007

Date revised: N/A (first edition) 1

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## 1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: **Gehwol Nagelmasse**

Unique reference numbers(s): **1025282**

Company/undertaking name & address: Eduard Gerlach GmbH, Bäckerstr. 4-8, D- 32312 Lübbecke

Telephone: **05741/ 3300** E-Mail: [christine.gueck@gehwol.de](mailto:christine.gueck@gehwol.de)

Contact of technical information: **Laboratory, Dr. Lührmann**

Emergency telephone number: Giftnotruf Berlin: 030 / 19240

## 2. Composition

Substance: viscose and orange liquid, with light flammable compounds

% content: 25-50% Ethylacetate 25-50% Acetone

CAS Number: 141786 67641

Classification: F , R11

EINECS:

## 3. Hazards Identification

Most important hazards: Classification: F , R11

Specific hazards: Highly flammable  
Irritating to eyes and skin

## 4. First aid measures

Skin contact: Wash off with soap and plenty of water

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: If swallowed, seek medical advice and show this container or label. Do not induce vomiting without medical advice.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get Medical attention.

Information for the doctor: Laxans: paraffin - oil or sodium sulfate

## 5. Fire fighting measures

Suitable extinguishing media: foam, dry powder, carbon dioxide,

Unsuitable extinguishing media: Do not use water or use a solid water stream as it may scatter and spread fire

Special hazards in fire: Under conditions giving incomplete combustion, hazardous gases produced may consist of carbon monoxide and carbon dioxide ( CO, CO<sub>2</sub>)

Required special protective equipment for fire-fighters: Wear self contained breathing Apparatus for fire-fighting if necessary

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Other information:

## 6. Accidental release measures

- Personal precautions: Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes. The product glues.
- Environmental precautions: Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Dike and collect water used to fight fire.
- Methods for cleaning: Soak up with inert absorbent material ( e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable and closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

## 7. Handling and storage

Handling: Advice on safe handling: *Do not ingest. If ingested, do not induce vomiting. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Use explosion explosion-proof electrical ( ventilating, lighting ,material handling) equipment.*

Storage: Protect from frost ***Technical measures/storage conditions: Keep tightly closed in a dry and cool place***

## 8. Exposure Controls

Engineering measures: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Control Parameters: Ethy Acetate, MAK= 1500 mg/m<sup>3</sup> , Acetone, MAK= 1200 mg/m<sup>3</sup>

Personal protection equipment:

Eye protection: safety glasses

Hand protection: rubber gloves or gloves made of polynitrile, for example: "Lapren" R, "Camatril R" Kat III, to get by Fa. Carl Roth (Germany)

Hygiene measures: Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Take off all all contaminated clothes immediately. Wash contaminated clothes before re-use.

## 9. Physical and chemical properties

Appearance: Form: viscose solution  
Odour: specific for the product  
pH: (20°C) not existent  
Boiling point: 40 – 77 °C

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Melting point: not measured  
Flashpoint: < 0 °C  
Explosive properties: explosive  
Vapour pressure: not measured  
Relative density: 0,863 – 0,873 g/ml  
Solubility: not miscible with water

## 10. Stability and reactivity

Conditions to avoid: Stable under recommended storage conditions.

Materials to avoid: Do not freeze

Hazardous decomposition products: no hazards to be especially mentioned.

## 11. Toxicological information

Acute toxicity:

Product, ingredient name	Test	Result	Route	Species
Ethylacetate	LD50	41900 mg/kg	oral	Rat
Acetone	LD50	5800 mg/kg	oral	Rat

Local effects

Excessive exposure may affect human health as follows:

Skin contact: Product glues extremely

Eye contact: damages to eyes

Inhalation/ingestion: no data

## 12. Ecological information

no data of the product. Ecological problems are not expected by normal use.

## 13 Disposal Considerations

### Product information

Disposal required in compliance with all waste management related local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal. Diluted solution may be introduced into a biological purification plant, with permission of the responsible authorities.

**Uncleaned empty packaging** Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Regulations concerning reuse or disposal of used packaging materials must be observed.

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**European Waste Catalogue** Allocation Of waste code number , according to the European Waste Catalogue (EWC) , should be carried out in agreement with the regional waste disposal company.

## 14. Transport information

Regulatory Information	Proper shipping name	Class	UN number	PG	Label
ADR/RID:	Ethyl Acetate	3	UN 1173	II	3 Code: II / F1
	Acetone	3	UN 1090	II	3 Code II/ F1

ADNR:

ICAO/IATA: see: ADR/RID

IMDG: see: ADR/RID

## 15. Regulatory information

### EU-regulations

Hazard symbol/symbols : F ( Highly flammable).

R-phrases(s) : R11 - Highly flammable

S-phrases(s) : S9: Keep container in a well – ventilated place  
S16: Keep away from sources of ignition – no smoking  
S23: Do not breathe gas / fumes / vapour / spray /  
S24/25: Avoid contact with skin and eyes  
S29: Do not empty into drains  
S33: Take precautionary measures against static discharges

## 16. Other Information

None

**For further information, see:**

For more information, consult the Technical Data sheet

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## Other Information:

Changes against the previous version are marked by\*\*

Recommendations/restrictions:

Sources of key data used to compile

Safety Data Sheet: Version 1

## Further Information:

This information is based on our present state of knowledge. It shall describe our products regarding safety requirements and shall not be construed as a guarantee or statement of condition and/or quality.

**Date:** 29.01.2007

**Department:** The laboratory of Fa. Gerlach GmbH

**T. Längert ( safety engineer)**