

Safety Data Sheet

according to Regulation (EC) No 1907/2006

5100

Print date: 08.04.2015

Product code: 5100_GHS_CAS

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Quickline Primer - 5100

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

| | | |
|---------------|--|-----------------------|
| Company name: | Sterngold Dental, LLC | |
| Street: | 23 Frank Mossberg Dr | |
| Place: | Attleboro, MA 02703 | |
| Telephone: | 508-226-5660 | Telefax: 508-226-7528 |
| e-mail: | info@sterngold.com | |
| Internet: | www.sterngold.com | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Indications of danger: Xi - Irritant
R phrases:
Irritating to eyes.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

GHS classification

Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3
Hazard Statements:
Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.

2.2. Label elements

Hazardous components which must be listed on the label

ethyl acetate

Signal word: Warning
Pictograms: GHS02-GHS07



Hazard statements

Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary statements

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Take precautionary measures against static discharge.
Ground/bond container and receiving equipment.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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Special labelling of certain mixtures

Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

chemical characterization (preparation): Prepolymer(s). ethyl acetate.

Contains: ethyl acetate. CAS - Nr.: 141-78-6

Hazardous components

| EC No | Chemical name | Quantity |
|--------------|---|----------|
| CAS No | Classification | |
| Index No | GHS classification | |
| REACH No | | |
| 205-500-4 | ethyl acetate | |
| 141-78-6 | F - Highly flammable, Xi - Irritant R11-36-66-67 | 97 % |
| 607-022-00-5 | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 | |

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

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

After ingestion

Consult physician.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO₂).**Extinguishing media which must not be used for safety reasons**

High power water jet.

5.2. Special hazards arising from the substance or mixture

Formation of potentially explosive mixtures with: Air.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

SECTION 7: Handling and storage

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7.1. Precautions for safe handling**Advice on safe handling**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.
Use explosion-protected machinery, apparatus, suction equipment, appliances etc.

Further information on handling

Wear suitable gloves. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|----------|---------------|-----|-------------------|-----------|---------------|--------|
| 141-78-6 | Ethyl acetate | 200 | - | - | TWA (8 h) | WEL |
| | | 400 | - | - | STEL (15 min) | WEL |

Additional advice on limit values

MAK 400 ppm (ethyl acetate.)

8.2. Exposure controls**Occupational exposure controls**

Provide adequate ventilation.

Respiratory protection

Do not breathe gas/vapour. Filter respirator (full mask or mouth-piece) with filter: A

Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

Eye protection

Tightly sealed safety glasses.

Skin protection

When using do not eat or drink.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: liquid
Colour: yellow
Odour: characteristic

Test method

pH-Value (at 20 °C): 7

Changes in the physical state

Boiling point: > 80 °C

Flash point: > -4 °C

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| | |
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| Lower explosion limits: | 2,0 vol. % |
| Upper explosion limits: | 11,5 vol. % |
| Ignition temperature: | > 460 °C |
| Vapour pressure: | 100 hPa |
| Density: | 0,9 g/cm ³ |
| Water solubility: | 80 g/L |
| Vapour density: | > 1 |

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

heat.

Decomposition takes place from temperatures above: 80°C (boiling temperature / boiling range)

10.5. Incompatible materials

Oxidizing agents. peroxides. acid.

10.6. Hazardous decomposition products

Can be released in case of fire: Gas / vapours, irritant. (pungent)

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

LD50: Rat. 5000 mg/kg

Irritation and corrosivity

Irritant effect on the skin: prolonged action.

Irritant effect on the eye: irritant.

SECTION 12: Ecological information**12.1. Toxicity**

Acute fish toxicity LC50: > 333 mg/l/48h (ethyl acetate.)

12.2. Persistence and degradability

Product is biodegradable. (ethyl acetate.)

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances
Classified as hazardous waste.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:**

1173

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14.2. UN proper shipping name: ETHYL ACETATE**14.3. Transport hazard class(es):** 3**14.4. Packing group:** II

Hazard label: 3



Classification code: F1

Limited quantity: 1 L

Transport category: 2

Hazard No: 33

Tunnel restriction code: D/E

Other applicable information (land transport)**Marine transport (IMDG)****14.1. UN number:** 1173**14.2. UN proper shipping name:** ETHYL ACETATE**14.3. Transport hazard class(es):** 3**14.4. Packing group:** II

Hazard label: 3



Special Provisions: -

Limited quantity: 1 L

EmS: F-E, S-D

Other applicable information (marine transport)**Air transport (ICAO)****14.1. UN number:** 1173**14.2. UN proper shipping name:** ETHYL ACETATE**14.3. Transport hazard class(es):** 3**14.4. Packing group:** II

Hazard label: 3



Limited quantity Passenger: 1 L

IATA-packing instructions - Passenger: 353

IATA-max. quantity - Passenger: 5 L

IATA-packing instructions - Cargo: 364

IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)

E2

: Y341

14.5. Environmental hazards

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Dangerous for the environment: no

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Full text of R phrases referred to under Sections 2 and 3**

Highly flammable.

Irritating to eyes.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

Full text of H statements referred to under Sections 2 and 3

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)