

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Silagum Comfort Primer**

Revision date: 24.01.2020

Product code: 5100

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Silagum Comfort Primer

**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:	DMG Chemisch-Pharmazeutische Fabrik GmbH	
Street:	Elbgaustraße 248	
Place:	D-22547 Hamburg	
Telephone:	+49. (0) 40. 84006-0	Telefax: +49. (0) 40. 84006-222
e-mail:	info@dmg-dental.com	
Internet:	www.dmg-dental.com	

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 2

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****Regulation (EC) No 1272/2008****Hazard components for labelling**

ethyl acetate

**Signal word:** Danger**Pictograms:****Hazard statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**Precautionary statements**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P240 Ground and bond container and receiving equipment.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Special labelling of certain mixtures**

EUH066 Repeated exposure may cause skin dryness or cracking.

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

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

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
141-78-6	ethyl acetate			< 97 %
	205-500-4	607-022-00-5		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			

Full text of H and EUH statements: 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**

Medical treatment necessary.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Formation of explosive mixtures with: Air.

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

Remove all sources of ignition. Provide adequate ventilation.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****Other information**

Absorb with liquid-binding material (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-proof machinery, apparatus, ventilation facilities, tools 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****Occupational exposure limits**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
141-78-6	Ethyl acetate	200	734		TWA (8 h)	
		400	1468		STEL (15 min)	

**Additional advice on limit values**

MAK 400 ppm (ethyl acetate.)

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

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

**Skin protection**

When using do not eat or drink.

**Respiratory protection**

Do not breathe gas/vapour. Filtering device (full mask or mouthpiece) with filter: A

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

Physical state:	liquid
Colour:	yellow
Odour:	characteristic
Boiling point or initial boiling point and boiling range:	> 80 °C
Lower explosion limits:	2,0 vol. %
Upper explosion limits:	11,5 vol. %
Flash point:	Mixture not tested.

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Auto-ignition temperature:	> 460 °C
pH-Value (at 20 °C):	7
Water solubility:	80 g/L
Vapour pressure:	100 hPa
Density:	0,9 g/cm <sup>3</sup>
Relative 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**

In case of fire may be liberated: Gas / vapours, irritant. (pungent)

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****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: &gt; 333 mg/l/48h (ethyl acetate.)

**12.2. Persistence and degradability**

Product is biodegradable. (ethyl acetate.)

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

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

**List of Wastes Code - 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 hazardous substances; hazardous waste

**SECTION 14: Transport information****Land transport (ADR/RID)**

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**14.1. UN number or ID number:** UN 1173  
**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)**  
 E2

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 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)**  
 E2

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 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**

ENVIRONMENTALLY HAZARDOUS: No

**SECTION 15: Regulatory information**

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 8.

**Relevant H and EUH statements (number and full text)**

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

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