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

1.1 Product identifier:

Commercial product name:	Splint Memory

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

Relevant identified uses:	Manufacture.
Uses advised against:	Do not use for private purposes (household).

1.3 Details of the supplier of the safety data sheet

Manufacturer:	pro3dure medical GmbH
Street / mailbox:	Am Burgberg 13
Country code. / postal code / city:	DE-58642 Iserlohn
Information contact:	
Information telephone:	+49 (0)2374 920050-10
Information telefax:	+49 (0)2374 920050-50
E-mail (competent person):	info@pro3dure.com
Website:	www.pro3dure.com
Supplier:	SILADENT Dr. Böhme & Schöps GmbH
Street / mailbox:	Im Klei 26
Country code. / postal code / city:	D - 38644 Goslar
Phone:	Tel.: +49 (0) 53 21 / 37 79 – 0
Fax:	Fax: +49 (0) 53 21 / 38 96 32
E-mail / Website:	info@siladent.de - www.siladent.de

1.4 Emergency telephone number

This number is serviced during office hours:	Telephone: +49 (0)2374 920050-10

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture: Regulation (EC) No 1272/2008:
Identification is not obligatory. Please observe the information on the safety data sheet at all times.

2.2 Label Elements:
Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard pictograms:	-
Signal word:	-
Hazard statements:	-
Precautionary statements:	-
Hazardous component(s) for labelling:	-
Special labelling of particular preparations:	-

2.3 Other hazards: -

SECTION 3: Composition/information on ingredients

3.1 Substances: -

3.2 Mixtures: -

Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):
1,2-Cyclohexandicarbonsäurediisononylester	431-890-2	166412-78-8			< 10 %	-
Poly(m)ethylmethacrylat, homopolymer		9011-14-7			> 90 %	-

(Full text of H- and EUH-statements: see section 16.)

SECTION 4: First aid measures

4.1 Description of first aid measures:

General information: No special measures are necessary.

In case of inhalation: Call a doctor.

Following skin contact: No special measures are necessary.

After eye contact: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion: No special measures are necessary.
Seek medical attention if problems persist.

4.2 Most important symptoms and effects, both acute and delayed: -

4.3 Indication of any immediate medical attention and special treatment needed: -

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water fog. High power water jet. Carbon dioxide (CO2). Foam. Dry extinguishing powder.

Unsuitable extinguishing media: Full water jet.

5.2 Special hazards arising from the substance or mixture: -

5.3 Advice for firefighters:

General information: -

Special protective equipment for fire-fighters: In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: -

6.2 Environmental Precautions: -

6.3 Methods and material for containment and cleaning up: Wastes from washing, cleaning and mechanical reduction of raw materials Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections: -

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Devices with local exhaust.

Precautions against fire and explosion:

7.2 Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels: Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Hints on joint storage: -

7.3 Specific end use(s): -

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters:

Occupational Exposure Limits:

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

Substance with a common (EC) occupational exposure limit value.

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

DNEL-/PNEC-values

DNEL value:

Substance:	CAS-No.:	DNEL/DMEL

PNEC Value

Substance:	CAS-No.:	DNEL/DMEL

Additional information: -

8.2 Exposure controls:

Occupational exposure controls: -

General protection and hygiene measures: -

Personal protection equipment:	Lab coat.
Respiratory protection:	If handled uncovered, arrangements with local exhaust ventilation have to be used.
Hand protection:	Hand protection.
Eye/face protection:	Eye glasses with side protection.
Body protection:	Lab coat.
Environmental exposure controls:	-
Consumer exposure controls:	-
Exposure Scenario:	-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	solid			
Colour:				
Odour:				
Odour threshold:				
Safety relevant basis data				
	parameter	Value	unit	Remark
pH:				No data available
Melting point/freezing point:				No data available
Initial boiling point and boiling range:				No data available
Flash point:		>250	°C / XXXX	
Evaporation rate:				No data available.
Flammability (solid, gas):				No data available
Explosivity:				No data available
Upper flammability or explosive limits:				No data available
Lower flammability or explosive limits:				No data available
Vapour pressure:				No data available
Vapour density:				No data available
Relative density:				No data available
Density:				No data available
Soluble (g/L) in:				No data available
Water solubility (g/L):				No data available
Fat solubility (g/L):				No data available
Partition coefficient: n-octanol/water:				No data available
Ignition temperature:				No data available
Decomposition temperature:				No data available
Viscosity:				No data available
Oxidizing properties:				No data available

9.2 Other information: -

SECTION 10: Stability and reactivity

10.1 Reactivity: -

10.2 Chemical Stability: -

10.3 Possibility of hazardous Reactions: No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to Avoid: -

10.5 Incompatible Materials: -

10.6 Hazardous Decomposition Products: -

SECTION 11: Toxicological information

11.1 Information on toxicological effects: -

M-factor: -
Acute toxicity (oral): -
Acute toxicity (dermal): -
Acute toxicity (inhalative): -

Acute toxicity

Substance:	CAS-No.:	Toxicological information

Skin corrosion/irritation: -

Serious eye damage/irritation: -

Respiratory or skin sensitisation: -

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Carcinogenicity: -

Germ cell mutagenicity: -

Reproductive toxicity: -

STOT-single exposure: -

STOT-repeated exposure: -

Aspiration hazard: -

SECTION 12: Ecological information

12.1 Toxicity: None.

Ecotoxicity

Substance:	CAS-No.:	Ecotoxicity

12.2 Persistence and degradability: Due to the consistency along with the low water solubility of the product a bioavailability is unlikely.

12.3 Bioaccumulative potential: -

12.4 Mobility in soil: -

12.5 Results of PBT and vPvB assessment: -

12.6 Other adverse effects: None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal/Product:	Dispose of waste according to applicable legislation.
Appropriate disposal / Package:	Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.
List of proposed waste codes / waste designations according to EWC / AVV:	-
Waste key product:	-
Waste key packaging:	-

SECTION 14: Transport information

14.1 UN number

UN No.:	-

14.2 UN proper shipping name

Land transport (ADR/RID):	-
Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)	-

14.3 Transport hazard class(es)

Hazard label(s) / Label:	-	**Classification code: / Classification Code:**	-

14.4 Packing group

Packing group/ Packing Group:	-

14.5 Environmental hazards

	Yes	No
ADR/RID / IMDG / ICAO-TI / IATA-DGR:		X
Marine pollutant:		X

14.6 Special precautions for user

Land transport (ADR/RID)

transport category:	-	**tunnel restriction code:**	-
Special provisions:	-	**Limited quantity (LQ):**	-

Sea transport (IMDG)

EmS-No:	-		
Special provisions:	-	**Limited quantity (LQ):**	-

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remark:	-

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Information on Regulation (EC) No 166/2006 establishing a European Pollutant Release and Transfer Register:	-

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer:	-
Regulation (EC) No. 648/2004 (Detergents regulation):	-
Regulation (EC) No 850/2004 [POP-Regulation]:	-
Regulation (EU) No 649/2012 on the export and import of dangerous chemicals:	
Use restriction according to REACH annex XVII, no.:	
National regulations:	Observe in addition any national regulations!
Restrictions of occupation:	-
Other regulations, restrictions and prohibition regulations:	-

15.2 Chemical safety assessment: For this preparation a chemical safety assessment has been carried out.

SECTION 16: Other information

Relevant H- and EUH-phrases (Number and full text):	-
Hazard statements:	-
Training advice:	-
Recommended restrictions of use:	-

Further remarks:
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes:	-
Key literature references and sources for data:	-
Abbreviations and acronyms:	-