

Safety Data Sheet**ProSep****Date:** 12/2018**SECTION 1: Identification****Manufacturer:** Silmet Ltd**Address:** 12 Hassadna St. Industrial Park. Or Yehuda 6022011. Israel**Telephone:** + 972 3 7353000**Fax:** +972 3 5331581 **e-mail:** info@silmet.co.il**Product Identifier:** Separating agent

Trade Name: ProSep

Product Use:

Indications: Intended for the use as a separator for acrylics/composites

Limitations on Use: For use only by dental professionals

SECTION 2: Hazards Identification

Classification of the substance or mixture

The product does not meet the criteria for classification as hazardous under the GHS and 29 CFR 1910.1200

Label elements

GHS label elements Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Classification system:

NFPA ratings (scale 0 - 4)

Health = 1 Fire = 0 Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 1 Fire = 0 Physical Hazard = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Hazards not otherwise classified: None known

Additional information: Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of Regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

SECTION 3: Composition/Information on ingredients**Substance/Mixture:** Mixture

Description: Mixture of the substances listed below with non hazardous additions

Dangerous components: No hazardous/reportable components.

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Additional Information: All concentrations are in percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Any pigments or fillers in this product which may be considered "Hazardous" are potentially hazardous only if inhaled as an airborne dust. Exposure by these ingredients as used in coatings, sealants, separator films and non-sprayable products is highly unlikely. For the wording of the listed risk phrases refer to section 15.

SECTION 4: First Aid Measures**Description of first aid measures****General information:** No special measures required.**After inhalation:** Overexposure, remove to fresh air and seek medical attention.**After skin contact:** Avoid prolong contact with skin. Immediately wash with water and soap and rinse thoroughly. If skin irritation or rash continues or allergic reaction occurs, consult a doctor**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.**After swallowing:** Seek medical treatment.**Information for doctor:**

Most important symptoms and effects, both acute and delayed The alkaline liquid can cause burns or allergic reactions. Vapors may cause dizziness or headache.

Indication of any immediate medical attention and special treatment needed: No relevant information available.

SECTION 5: Fire Fighting Measures**Extinguishing media****Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture:** Dried solids can burn and release toxic fumes and vapors.**Advice for firefighters****Protective equipment:** Protective clothing and respiratory protective device.**SECTION 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures:** Use adequate ventilation, Gloves**Environmental precautions:** No special measures required. Avoid spillage into sewers or waterways.**Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste in accordance with federal state and local regulations.**SECTION 7: Handling and Storage****Handling:****Precautions for safe handling**

Store in cool, dry place in tightly closed receptacles. Wear protective gloves, eye protection Use with good ventilation/exhaustion at the workplace.

Information about protection against explosions and fires: No special measures required.**Conditions for safe storage, including any incompatibilities****Storage:** Do not freeze or store in an unheated area. Keep container sealed to prevent

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dehydration and curing.

Requirements to be met by storerooms and receptacles: Store in a cool location away from direct heat.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Avoid storage (or shipping) in freezing conditions..**Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/Personal Protection****Additional information about design of technical systems:** No further data; see item 7.**Control parameters****Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment (see listings below)****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

Use approved respiratory protection equipment when airborne exposure is excessive.

Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

Protection of hands: Protective gloves, Vinyl or Latex gloves**Eye protection:** Safety glasses with side shields.**Body protection:** Protective work clothing/lab apron.**Work/Hygiene Practices: USE ONLY ACCORDING TO DIRECTIONS.****Wash thoroughly after handling.** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.**SECTION 9: Physical and Chemical Properties****Information on basic physical and chemical properties****General Information****Appearance:****Form:** Liquid**Color:** White, Beige, Lt Blue, Pink, and other colors**Odor:** Characteristic, slight ammonia smell**Change in condition****Melting point:** Undetermined**Boiling point:** 100 °C (212 °F)**Flash point:** Not applicable.**Auto igniting:** Product is not self-igniting.**Danger of explosion:** Product does not present an explosion hazard.**Specific gravity:** .960**Solubility in / Miscibility with****Water:** Dispersible.**Solvent content:****Organic solvents:** 0.0 %**Solids content:** 38 to 58%

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Other information

VOC: 0

WEIGHT PER GALLON: 7.995 LBS

SECTION 10: Stability and Reactivity**Reactivity:** None**Chemical stability:** Stable**Thermal decomposition / conditions to be avoided:** Thermal decomposition may produce toxic gases. No decomposition if used according to specifications.**Possibility of hazardous reactions:** Strong oxidizing agents.**Conditions to avoid:** Avoid extreme temperatures, freezing or extreme heat. Avoid long exposure to air.**Incompatible materials:** Solvents, acids, multivalent salts may coagulate the liquid rubber.**Hazardous decomposition products:** By high heat and fire: carbon dioxide, carbon monoxide, oxides of nitrogen.**SECTION 11: Toxicological Information**

Information on toxicological effects

Acute toxicity:**Primary irritant effect:****on the skin:** Generally this product does not irritate the skin.**Caution: This Product Contains Natural Rubber Latex Which May Cause Allergic Reactions****on the eye:** Irritating effect.**Sensitization:** Sensitizing effect through inhalation is possible with prolonged exposure.**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

SECTION 12: Ecological Information**Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability:** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**Additional ecological information:****General notes:** Not known to be hazardous to water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

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Disposal of this product should at all times comply with the requirements of environmental protection & waste disposal legislation and any regional local and national authorities requirements.

SECTION 14: Transport Information**UN-Number****DOT, ADR, ADN, IMDG, IATA** not regulated**UN proper shipping name****DOT, ADR, ADN, IMDG, IATA** not regulated**Transport hazard class(es)****DOT, ADR, ADN, IMDG, IATA****Class** not regulated**Packing group****DOT, ADR, IMDG, IATA** not regulated**Environmental hazards:** Not applicable.**Special precautions for user** Not applicable.**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

Transport/Additional information: DOT, ADR, IMDG, IATA - Not regulated in transport.

Not dangerous according to the above specifications.

UN "Model Regulation": -**SECTION 15: Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity:

None of the ingredients is listed.

(DSL) Canada Domestic Substance List



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All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.

Carcinogenicity categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients listed.

MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

SECTION 16: Other Information

Rev. 0

Initial version

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this safety sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this sheet or use of this product together with any other process/procedure will be exclusively under the user's responsibility.