

Safety Data Sheet**Silmet Adhesives – ProLink, ProLink SE****Date of revision: 24.04.17 Rev. 4 (EU acc. To ISO 11014)****SECCIÓN 1: Identificación****1.1 Identificador de producto:** Adhesivos dentales universales Silmet**Marcas comerciales:** ProLink, ProLink SE, Adhesivo ProVeneer**1.2 Principales usos identificados de las sustancias o mezclas****Uso de los productos:**

Indicaciones: Para uso como material de restauración dental.

Limitaciones de uso: Sólo para uso de dentistas

1.3 Detalles del suministrador de la hoja de datos de seguridad**Fabricante:** Silmet Ltd**Dirección:** 12 Hassadna St. Industrial Park. Or Yehuda 6022011. Israel**Teléfono:** + 972 3 7353000 (también para emergencias)**Fax:** +972 3 5331581 **correo electrónico:** **info@silmet.co.il****SECCIÓN 2: Composición/Información de los ingredientes**

| Ingredientes peligrosos | CAS# | Frases de riesgo & identificación de peligro |
|--|--------------------------|--|
| Acetona | 67-64-1 | F, Xi, R11/36/66/67 |
| Uretandimetacrilato | 72869-86-4 | Xi, R36/37/38 |
| Trietileneglicoldimetacrilato | 109-16-0 | Xi |
| 2-Hidroxietilmetacrilato | 868-77-9 | Xi, R36/38-43 |
| Dimetracrilatos Multifuncionales | 24448-20-2 | Xi, R36/37/38 |
| 4-metacriloxietiltrimelítico anhídrido | 70293-55-9 | Xn; R22-36/38-43 |
| Silice ahumada | 7631-86-9 | N/E |
| Fotoiniciadores | 10287-53-3 10334-26-6 | Xi, R36/37/38 N/E |
| Etanol | 64-17-5 | F, R11 |

Información adicional: Para el texto de la lista de frases de peligro, refiérase a la sección 16.

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A continuación se ofrece la información relacionada con la toxicidad y peligros de los componentes puros presents en esta sustancia.

Elementos de la etiqueta**Pictogramas de peligro****Palabra señalizadora**

Advertencia

Explicaciones de peligro

H226 - Líquido y vapor inflamable.

Explicaciones de precaución**Prevención**

P280 – Use guantes protectores/ropa protectora/protección para los ojos/protección para la cara.

P210 – Manténgalo alejado del calor, superficies calientes,, chispas, llamas u otras fuentes de ignición. No fumar.

Desecho

P501 – Deseche los contenidos de acuerdo a los reglamentos locales/regionales e internacionales

Conservación

P403 – Guardar en un lugar bien ventilado Mantenga el contenedor bien cerrado.

Etiquetaje de los componentes según la determinación de peligrosidad

Solución de Etanol CAS # 64-17-5 H226 Inflamable

Xi Irritant; Flammable.

Acute Health Hazards: May cause eye, respiratory and skin irritation.Signs and Symptoms of Exposure: High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness.Primary Routes of Exposure: Inhalation, skin contact, eye contact.Carcinogenicity: NTP – no, OSHA – no, IARC – no.**SECTION 4: First Aid Measures****4.1 First Aid Procedures**

If irritation occurs, take victim to open air.

In case of skin contact: wash with soap and water.

In case of eye contact: Flush with large quantities of water for 15 minutes.

Consult a physician.

In case of ingestion: Consult a physician.

SECTION 5: Fire Fighting Measures

Flash Point: N/E

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Extinguishing Media: Carbon dioxide, water spray, dry chemical.

Special Fire Fighting Procedures: Avoid a direct jet of water.

Unusual Fire and Explosion Hazards: None.

SECTION 6: Accidental Release Measures

Environmental Precautions: Avoid seepage into sewers and water supplies.

Clean-Up Procedure: Contain spill and pick up material with a suitable absorbent material. Place absorbent into a container for later disposal. Clean spill area with detergent and water.

SECTION 7: Handling and Storage

Handling: No special measures necessary if handled according to instructions.

Storage: Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging.

SECTION 8: Exposure controls/Personal Protection

Exposure Controls: Use only in well ventilated areas.

Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling.

Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

SECTION 9: Physical and Chemical Properties

Appearance: Light yellow liquid.

Odour: Specific odour.

Boling Point: N/A

Flash Point: N/E

(Ethanol Solution) $\geq 23^{\circ}\text{C} - \leq 60$

Solubility in Water: Insoluble

Vapor Density (Air = 1): N/E

Vapor Pressure (mm Hg): N/E

SECTION 10: Stability and Reactivity

Stability: Stable if stored and handled as instructed.

Conditions to avoid: Heat, UV - light

Incompatibility: Free radicals, reducing agents, heavy metal ions

Hazardous Polymerization: May occur

Hazardous Decomposition: Carbon dioxide, carbon monoxide acrylic decomposition products, depending on conditions of heating and burning.

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SECTION 11: Toxicological Information

Acute oral toxicity: LD50 (rat) > 500 mg/kg
 Irritation of Skin: Dryness and Irritation possible upon prolonged exposure.
 Allergic Effects: Methacrylate sensitive individuals may exhibit an allergic reaction.

SECTION 12: Ecological Information

Do not discharge into sewers or water supplies.
 Environmental persistence and degradability: No data available.
 Ecotoxicity: No data available.

SECTION 13: Disposable considerations

May be disposed of in landfill or incinerator In accordance with local, state and federal regulations.

SECTION 14: Transport Information

| | | | | |
|------------------------|----------------------|------------------------------|---------------|-----|
| 14.1 Transport at land | ADR | 3 | RID | 3 |
| | UN Number | 1170 | Kemler Number | --- |
| | Packing Group | III | | |
| 14.2 Transport at sea | Proper shipping name | Ethanol Solution | | |
| | ADNR | 3 | IMDG | 3 |
| | UN Number | 1170 | | |
| | EMS | F-E, S-D | MFAG | |
| | Packing Group | III | | |
| 14.3 Air transport | Proper shipping name | Ethanol Solution, Acetone | | |
| | ICAO / IATA-DGR | --- | | |
| | UN Number | 1170 | | |
| | Proper shipping name | Ethanol Solution, Acetone | | |
| | Subsidiary Risk | --- | | |
| | Labels | Ethanol Solution, Acetone | | |
| | Packing Group | III | | |

U.S. DOT Shipping Name: Ethanol Solution

U.S. DOT Hazard Class: 3

Number: UN1170

U.S. Dot Packing Group: III

Other: Class 3 Flammable liquids.

SECTION 15: Regulatory Information

This product requires classification according to the criteria of EC.
 The product is a medical device according to the EC-directive 93/42.

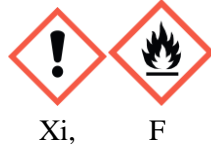
15.1 UN Number 1170

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15.2 National regulations

15.3 EU number

15.4 Hazard symbols



15.5 Hazard designation

Xi: Irritant. F: Highly Flammable. Contains Ethyl Alcohol, HEMA, 4-Methacryloxyethyltrimellitic anhydride, Acetone

15.6 Risk phrases

R: 11, 36, 37/38, 43
11 Highly flammable.
36 Irritating to eyes.
37/38 Irritating to respiratory system and skin.
43 May cause sensitization by skin contact.

15.7 Safety phrases

S: 2, 9, 16, 23, 26, 28, 24/25, 37/39
2 Keep out of the reach of children.
9 Keep container in a well-ventilated place.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe vapour.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.
28 After contact with skin, wash immediately with plenty of water and soap.
24/25 Avoid contact with skin and eyes.
37/39 Wear suitable gloves and eye/face protection.

U.S. – O.S.H.A. Status: This material is Xi: Irritant. F: Flammable under the criteria the U.S. Federal Hazard Communication Standard.

SECTION 16: Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

Relevant phrases

11 Highly flammable.
22 Harmful if swallowed.
36 Irritating to eyes.
37/38 Irritating to respiratory system and skin.
43 May cause sensitisation by skin contact.
Xn Harmful.
Xi Irritant.

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