# MATERIAL SAFETY DATA SHEET

| 1.Chemical Product And Company Identification |
|---|
| Company: Bio-Art Equipamentos Odontológicos Ltda |
| Product name: Soft Sheet 1,0 / 1,5 / 2,0 / 3,0 / 4,0 mm |
| Product Usage/ application: Dental impressiontray |
| ANVISA Registry: 10368240026 (Soft)<br>10368240019 (Soft Color) |
| Product supplied in metalized packaging. Non-Sterile Product. |

| 2. Hazards Identification |
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| Product hazard class: None |
| Label content: None |
| Other content: None |

| 3. Composition / Information on Ingredients |
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| Pure material: |
| English name: Ethylene Vinyl Acetate Copolymer (EVA) |
| Synonyms: Ethylene Vinyl Acetate Copolymer Resin |
| Chemical Abstracts Service Nº (CAS No.): 24937-78-8 |
| The hazardous ingredients (% of the content): None |
| Mixtures: |
| Chemical properties: |
| English name of the hazardous ingredients Concentration or concentration ranges (ingredient percentage) |
| None --- |

| 4.First-aid measures: |
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| The first aid measures for different exposure routes: |
| Inhalation: Dust may cause slight irritation, no significant health effects. |
| Skin contact: Rapidly wash off with cool water or shower, if molten material comes in contact with the skin. Do not attempt to remove the material from skin. Call the physician. |
| Eye contact: Dust may cause slight irritation. Fume may cause eye irritation as mid discomfort. |
| Ingestion: None |
| The most important symptoms and hazardous effects: None |
| The protection of first-aiders: None |
| Notes to physicians: Let physicians know the symptom of patient. |

| 5.Fire Fighting Measures |
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| Suitable fire extinguishing media: water, water fog, foam, $CO_2$, dry chemical extinguishers |
| Specific hazards may be encountered during fire-fighting: Carbon Monoxide(CO) and irritating smoke may emitted when burned without sufficient oxygen. |
| Specific fire-fighting methods: Use water spray to cool fire exposed surface and to protect personal. Shut off "fuel" to fire. |
| Special equipment for the protection of fire-fighters: Wear positive pressure, self-contained breathing apparatus in any closed space. |

| 6.Accidental Release Measure |
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| Personal precaution: None |
| Environmental Precaution: None |
| Method for cleaning up: Clean up with a shovel and/or vacuum cleaner. |

| **7.Handling and Storage:** |
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| Handling: Good general ventilation should be sufficient for most conditions. During the processing of the material, avoid inhalation of fumes and scald of molten materials. |
| Storage: Store in a cool, dry place with good ventilation. Away from source of heat and direct sunlight. Storage silo must be grounded to prevent static charge. Proper ventilation is recommended to control dust formation. |

| **8.Exposure Control / Personal Protection** |
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| Engineering Control: -- |
| Control parameters: |
| 8 hours time average exposure limits/Short-term exposure limits/maximum exposure limits:--- biological standard:--- |
| Personal protective equipment: |
| Respiratory protection: Use dust-proof mask. |
| Hand protection: Use rubber gloves. Use thermal resistant gloves, when needed. |
| Eye protection: Use safety goggles, when dust is present. |
| Skin & body protection: No precautions other than clean body-covering clothing should be needed. |
| Hygiene Procedures: --- |

| **9.Physical and Chemical Properties / Characteristics** |
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| Appearance (physical static, color, etc): |
| Translucent white solid pellets |
| Odor: small acidity |
| Odor threshold: --- Melting Point / Melting range: 78-96ºC |
| pH Valve: Not applicable Boiling point / boiling point range: Not applicable |
| Flammability (solid, gas) : Not applicable Flash Point: ca. 350ºC |
| Decomposition Temperature : Not applicable Test Method: Close Cup |
| Auto-ignition Temperature: 349ºC Exposure limit: Not applicable |
| Vapor Pressure: Not applicable Vapor Density: Not applicable |
| Density: 0.931 - 0.945g/cm³ Solubility In Water: Nil. |
| Portion coefficient(n-octanol/water,log Kow): -- Evaporation rate: Not applicable |

| **10.Stability and Reactivity** |
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| Stability: Stable at room temperature. |
| Possible hazardous reactions under specific conditions: None |
| Condition to avoid: Temperature over 200ºC |
| Materials to avoid: Strong oxidizing agents |
| Hazardous decomposition procedure: Fumes from decomposition of this material may include carbon dioxide, carbon monoxide, Hydrocarbon, acetic acid. |

| **11.Toxicological information** |
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| Routes of exposure: Dust or fume may cause slight irritation |
| Symptoms: None |
| Acute toxicity: None |
| Chronic toxicity or long term toxicity: none |

| **12.Ecological information** |
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| Ecotoxicity: Difficult to biodegradable. It can be recycled using suitable technologies. |
| Persistence and degradability: Difficult to nature degrade. |
| Bioaccumulative potential: None |
| Mobility in soil: None |
| Other adverse effects: To burn arbitrarily of this material may emit hazardous gas. |

| **13.Disposal information** |
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| Disposal Information: Disposal must be done in accordance with existing regulations. Bury in landfill or burn in an approved incinerator in accordance with applicable regulations. |

| **14.Transport Information** |
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| United Nations Number(Un-No): None |
| UN proper shipping name: None |
| Transport hazard class(es): None |
| Packing group: bag, tycon bag. |
| Marine pollutant(YES/NO): NO |
| Special transport measures and precautionary condition: None |

| **15.Regulatory Information** |
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| Applicable regulation: None |

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