

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) 10368240019 (Soft Color)
Product supplied in metalized packaging. Non-Sterile Product.
2. Hazards Identification
Product hazard class: None
Label content: None
Other content: None
3. Composition / Information on Ingredients
Pure material:
English name: Ethylene Vinyl Acetate Copolymer (EVA)
Synonyms: Ethylene Vinyl Acetate Copolymer Resin
Chemical Abstracts Service N° (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:
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
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
Personal precaution: None
Environmental Precaution: None
Method for cleaning up: Clean up with a shovel and/or vacuum cleaner.

7.Handling and Storage:

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

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

Appearance (physical static, color, etc):

Translucent white solid pellets

Odor: small acidity

Odor threshold: --- Melting Point / Melting range: 78-96°C

pH Value: Not applicable Boiling point / boiling point range: Not applicable

Flammability (solid, gas) : Not applicable Flash Point: ca. 350°C

Decomposition Temperature : Not applicable Test Method: Close Cup

Auto-ignition Temperature: 349°C 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

Stability: Stable at room temperature.

Possible hazardous reactions under specific conditions: None

Condition to avoid: Temperature over 200°C

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

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

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

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

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

Applicable regulation: None

Revision: May/2022