



**Libral Traders Pvt. Ltd.**

*Your smile. Our care.*

## Material Safety Data Sheet

### 1. Product & Company Identification

<b>Product Name :</b>	Aligner Chewies
<b>Direction of Use :</b>	for Seating Appliances / Aligners
<b>Product Dimension :</b>	3 cm x 1 cm, Y Type
<b>Chemical Nature :</b>	Silicone Rubber, Dental
<b>Information on Manufacturer :</b>	Libral Traders Pvt. Ltd. B-84/1, Okhla Industrial Area Phase – 2, New Delhi – 110020, India
<b>Emergency Contact :</b>	+91 – 11 – 40726666, info@libraltraders.com

### 2. Composition / Information on Ingredients

Silicone Polymer

### 3. Hazards Identification

Product can release hydrogen. Danger of Oxyhydrogen gas formation with water, alcohols, acids, metallic salts, amines & alkalis.

### 4. First Aid Measures

- **Inhalation :** Remove patient from exposure. Keep patient at rest and give oxygen if breathing is difficult. If symptoms develop, obtain medical attention.
- **Skin Contact :** After contact with skin, wash immediately with plenty of soap and water. In case of burns from hot material immediately cool affected skin as long as possible with cold water. Obtain medical attention.
- **Eye Contact :** Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. If symptoms persist, obtain medical attention.
- **Ingestion :** Unlikely to be hazardous if swallowed. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. If symptoms develop, obtain medical attention.
- **Further Medical Treatment :** Unlikely to be required but if necessary treat symptomatically.

## 5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Alcohol Resistant Foam, CO<sub>2</sub>, Hydrogen Gas can become trapped under foam blankets, so sources of ignition must be eliminated during the clean-up and recovery process.
- **Unsuitable Extinguishing Media:** Water, extinguishing powder, halones.
- **Particular Hazards:** Avoid inhalation of vapors.
- **Protective Equipment for Fire Fighters:** Wear self-contained breathing apparatus.

## 6. Accidental Release Measures

- **Personal Precautions:** Use of NIOSH-approved respirators is recommended when handling hot material. Gloved required when handling hot material. Wear safety glasses. Ventilation is needed when handling hot material.
- **Environmental Precautions:** N/A
- **Cleaning Methods:** Dispose of in accordance with state, local, and federal regulations

## 7. Handling & Storage

- **Handling:** Open and handle with care. Ensure adequate ventilation. Keep away from incompatible substances. Where possible, inert process equipment and blanket vessels, tanks and containers with nitrogen to reduce the available oxygen level.
- **Storage:** Store in a closed container.

## 8. Exposure Control / Personal Protection

Local exhaust ventilation may be necessary for some operations.

- **Eye/Face Protection:** Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles. If vapor exposure causes eye discomfort, use a full-face respirator.
- **Skin Protection:** No precautions other than clean body-covering clothing should be needed. Use gloved with insulation for thermal protection, when needed.
- **Respiratory Protection:** In dusty atmospheres, use an approved dust respirator. For most conditions, no respiratory protection should be needed.

## 9. Physical & Chemical Properties

- **Form:** Solid
- **Colour:** White, Blue, Green, Purple
- **Odor:** Slight
- **Decomposition Temperature :** > 250° C
- **Melting Point / Range:** Not Determined
- **Boiling Point:** N/A
- **Flash Point (Closed Cup) :** > 200° C
- **Ignition Point :** > 400° C
- **Explosive Properties :** In partly emptied containers formation of explosive

mixtures is possible. Keep away from sources of ignition and do not smoke. Keep away from open flames, heat and sparks. Take precautionary measures against electrostatic charging.

- **Minimum Ignition Energy (mJ) :** N/A
- **Oxidising Properties :** N/A
- **Vapor Pressure :** N/A
- **Specific Gravity :** N/A
- **Solubility in Water:** Insoluble
- **PH-Value (at 10g/1H<sub>2</sub>O):** N/A
- **Percent Volatile by Volume (%) :** > 0.1

## 10. Stability & Reactivity

- **Chemical Stability :** Stable Under Normal Conditions. Decomposes at > 250° C
- **Conditions to Avoid:** moisture . Heat, open flames, and other sources of ignition. Contact with contaminated piping or vessels or with corroded and rusty containers can increase the rate of hydrogen formation
- **Materials to Avoid:** Reacts with: acids , basic substances (e.g. alkalis, ammonia, amines) , alcohols , water , moisture , oxidizing agents , catalyst . Reaction causes the formation of: hydrogen .
- **Hazardous Decomposition Products:** hydrogen . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302°F) through oxidation.

## 11. Toxicological Information

- **Oral Toxicity:** Low toxicity under normal conditions of handling and use.
- **Ingestion :** Low oral toxicity. LD50 (rat) : >2000 mg/kg
- **Inhalation:** Low acute toxicity. Dusts and vapours or fumes evolved during thermal processing may cause irritation to the respiratory system.
- **Skin Contact :** No evidence of irritant effects from normal handling and use.
- **Eye Irritation:** Dust may have irritant effect on eyes. Permanent damage is unlikely.
- **Long Term Exposure :** Chronic effects are unlikely.

## 12. Ecological Information

- **Environmental Fate & Distribution:** Evaluation in analogy to similar product. No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.
- **Persistence and Degradation :** Silicone content: biologically not degradable. Separation by sedimentation.
- **Toxicity :** Low toxicity to aquatic organisms.
- **Effect on Effluent Treatment :** Unlikely to affect biological treatment processes.

### 13. Disposable Considerations

- **Product:** In accordance with state, local, and federal regulations
- **Packaging:** In accordance with state, local, and federal regulations
- **Waste Disposal Code:** In accordance with state, local, and federal regulations

### 14. Transport Information

- **Overland Transport :** Not Classified as dangerous for transport
- **Sea Transport:** Not Classified as dangerous for transport
- **Air Transport ICAO/IATA-DGR:** Not Classified as dangerous for transport
- **Inland Waterway Transport ADNR:** Not Classified as dangerous for transport

### 15. Regulatory Information

- **EC Classification :** Not classified as dangerous for supply/use.
  - **Hazard Symbol :** Not applicable.
  - **Risk Phrases :** Not applicable.
  - **Safety Phrases :** Not applicable.
- INTERNATIONAL INVENTORIES
- **EINECS (Europe):** EINECS: Polymer. Monomers included.

### 16. Other Information

- **Prepared by :** Libral Traders Pvt. Ltd.
- **Issuing Date :** 20<sup>th</sup> August 2020
- **Revision Date :**
- **Libral** assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.