SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: ProArt CAD Try-In

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture Try-in material for the CAD/CAM technology

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
Ivoclar Vivadent AG
Bendererstrasse 2
FL-9494 Schaan
PRINCIPALITY OF LIECHTENSTEIN

Tel: +423 235 35 35
Fax: +423 235 33 60

Further information obtainable from:
Regulatory Affairs
sds@ivoclarvivadent.com

1.4 Emergency telephone number: +423 / 235 33 13 (Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void
Signal word Void
Hazard statements Void

2.3 Other hazards

Avoid breathing sanding dust /swarf.

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

description: > 98% polymethylmethacrylate

Dangerous components: Void

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Grinding dust: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact:
Grinding dust: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

(Contd. on page 2)
Trade name: ProArt CAD Try-In

- After swallowing: Grinding dust: Rinse out mouth and then drink plenty of water.
- 4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed: No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
  Suitable extinguishing agents:
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 Special hazards arising from the substance or mixture: No further relevant information available.
- 5.3 Advice for firefighters
  Protective equipment: No special measures required.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures: Not required.
- 6.2 Environmental precautions: No special measures required.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- 6.4 Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
  Only adequately trained personnel should handle this product.
  For use in dentistry only.
  Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
  Storage:
  Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
  Information about storage in one common storage facility: Not required.
  Further information about storage conditions: Protect from heat and direct sunlight.
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- 8.1 Control parameters
  Ingredients 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 valid during the making were used as basis.
- 8.2 Exposure controls
  Personal protective equipment:
  General protective and hygienic measures:
  Usual hygienic measures for dental practice and dental laboratories.
  Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.

- **Respiratory protection:**
  - Mechanical processing:
    - Use respiratory protective device against the effects of dust.
  - **Recommended filter device for short term use:** Filter P1

- **Protection of hands:**
  - Protective gloves should always be worn during mechanical and thermal processing.
  - After use of gloves apply skin-cleaning agents and skin cosmetics.

- **Material of gloves**
  - Mechanical processing:
    - Leather gloves
    - Strong material gloves

  - **Penetration time of glove material**
    - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**
  - Always wear safety goggles during mechanical processing (grinding, sawing /cutting, drilling, milling).

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
      - **Form:** Solid
      - **Colour:** White
    - **Odour:** Odourless
    - **Odour threshold:** Not determined.
    - **pH-value:** Not applicable.

  - **Change in condition**
    - **Melting point/Melting range:** 150 °C
    - **Boiling point/Boiling range:** Undetermined.

  - **Flash point:** Not applicable.

  - **Flammability (solid, gaseous):** Not determined.

  - **Ignition temperature:**
    - **Decomposition temperature:** Not determined.

  - **Self-igniting:**
    - Product is not selfigniting.

  - **Danger of explosion:**
    - Product does not present an explosion hazard.

  - **Vapour pressure:** Not applicable.

  - **Density at 20 °C:** 1.2 g/cm³
    - **Relative density:** Not determined.
    - **Vapour density:** Not applicable.
    - **Evaporation rate:** Not applicable.

  - **Solubility in / Miscibility with water:** Insoluble.

  - **Partition coefficient (n-octanol/water):** Not determined.

  - **Viscosity:**
    - **Dynamic:** Not applicable.
Trade name: ProArt CAD Try-In

SECTION 10: Stability and reactivity

10.1 Reactivity: No further relevant information available.
10.2 Chemical stability: Stable under normal handling and storage conditions.
10.3 Decomposition / conditions to be avoided:
   No decomposition if used according to specifications.
   Can decompose slowly with localised heating above 150 °C.
10.4 Conditions to avoid: acetone
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products: None under normal conditions of storage and use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
   - Acute toxicity Based on available data, the classification criteria are not met.
   - Skin corrosion/irritation Based on available data, the classification criteria are not met.
   - Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
   - Additional toxicological information: No further relevant information available.
   - Germ cell mutagenicity Based on available data, the classification criteria are not met.
   - Carcinogenicity Based on available data, the classification criteria are not met.
   - Reproductive toxicity Based on available data, the classification criteria are not met.
   - STOT-single exposure Based on available data, the classification criteria are not met.
   - STOT-repeated exposure Based on available data, the classification criteria are not met.
   - Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity
   - Aquatic toxicity: No further relevant information available.
   - Persistence and degradability: No further relevant information available.
   - Bioaccumulative potential: No further relevant information available.
   - Mobility in soil: No further relevant information available.
   - Additional ecological information:
     General notes: Generally not hazardous for water
   - PBT: Not applicable.
   - vPvB: Not applicable.
   - Other adverse effects: No further relevant information available.
SECTION 13: Disposal considerations

13.1 Waste treatment methods
- Recommendation
  Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

14.1 European waste catalogue
- 20 01 39 plastics

- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
- ADR,RID,ADN, ADN, IMDG, IATA Void

14.2 UN proper shipping name
- ADR,RID,ADN, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)
- ADR,RID,ADN, ADN, IMDG, IATA Void

14.4 Packing group
- ADR,RID,ADN, IMDG, IATA Void

14.5 Environmental hazards:
- Marine pollutant: No

14.6 Special precautions for user
- Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
- Product is not classified as a dangerous good for transport (ADR, IMDG, IATA).

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Abbreviations and acronyms:
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
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative