



Safety Data Sheet

1. Identification of the chemical substance and of the company/undertaking

Product name : VB100

(1) Clasp (2) Bar (3) Denture Base Connector (4) Minor Connector
 (5) Proximal Plate (6) Finishing Line (7) Sprue (8) Stipple Sheet S
 (9) Stipple Sheet L (10) Relief Sheet (11) Normal Sheet (12) Connector Wax
 (13) Relief Wax (14) Crown (15) Crown Wax (16) Margin Wax

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Emergency telephone number: Same as above

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Code :212

2. Hazards identification

GHS Classification: GHS classification cannot be determined due to no data for the product.
 As of now, all items for Physical Hazard, Health Hazard, and Environmental Hazard are either "Not classified", "Classification not possible" or "Out of category".

Label Elements: None
 (Pictograms or Symbols)

Signal word: None

Hazard information:

- Most important hazard: None

Precautionary statements

【Prevention】

No Data

【Response】

No Data

【Storage】

No Data

【Disposal】

No Data

3. Composition/information on ingredients

Substance/Mixture type: Mixture
 Chemical name: Polyurethane acrylate
 Chemical property (chemical formula, etc.): UV curable resin
 Reference Number: Non-disclosure
 CAS No.: Non-disclosure

4. First aid measures

After inhalation: Ensure supply of fresh air, and take a rest.
 When necessary, artificial respiration
 Contact medical institution

After skin contact: Remove contaminated clothing
 Wash off and clean skin with soap and water
 When there are skin alterations or pain persists, contact medical institution

After eye contact: Rinse with plenty of water for at minimum 15 minutes (when possible without contact lens), and seek medical attention

After swallowing: Immediately rinse mouth thoroughly
 Let plenty of water be drunk
 Do not induce vomiting
 If you feel unwell, seek medical attention

Potential acute and delayed symptoms: No information

5. Firefighting measures

Suitable Extinguishing Media: Extinguishing powder, foam, water spray, carbon dioxide
 Extinguishing Media which shall not be used: Straight streams of Water



Special hazard: Irritant, corrosive, or toxic gases may arise by fire
 Special firefighting procedures: Cut off the combustion source, and use the fire extinguishing media to extinguish.
 Special protective equipment for firefighters: Firefighters must wear appropriate respiratory protection and chemical protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Do not touch released materials, or walk nearby.
 Immediately isolate the area as leakage area, keeping the appropriate distance in all directions.
 Isolate the hazardous area, and prohibit the entrance of non-authorized personnel and individuals who are not wearing protective clothing.
 Operators must wear appropriate protective clothing, and avoid exposure to eyes and skin.
 Ventilate closed spaces before entering them.

Environmental precautions: Prevent entry into waterway to avoid environmental damage.

Methods and equipment for Containment and Clean-up:

Collect wet liquids and spilled liquids into tightly closed container as much as possible.

Secondary disaster prevention measures: Evacuate people on the leeward side.

Put ropes around the spilled area and limit the entrance.

Immediately remove anything that could be ignition sources nearby.

7. Handling and storage

Handling

Technical measures: No smoking. No open flame
 Ventilate working area thoroughly.
 Wear suitable protective equipment.

Local/General ventilation system: Local ventilation system is preferred.
 If local ventilation is not possible, ventilate working area thoroughly.

Precautions for safe handling: When exposed, it may cause irritation to skin and mucous membranes.
 Avoid skin contact.

Avoid contact: Avoid direct sunlight, object with high temperature, and fire.

Storage

Technical measures: Maintain oxygen concentration to avoid polymerization, and do not replace with inert gases.

Storage conditions: Store in cool dark place.
 No smoking. No open flame.
 Avoid direct sunlight, object with high temperature, and fire.

8. Exposure controls/personal protection

Administrative level: Not specified

Permissible limit (Exposure limits, biological exposure indices):

ACGIH (2007)

Not specified

Facility Measures: Use highly enclosed apparatus, equipment, or localized extractor facilities.

Personal protective equipment

Respiratory protection: Wear respiratory protection (gas mask for organic gas).
 When mist or vapors are produced by melting/heating, wear protective mask with mist filter.

Hand protection: Wear rubber gloves.

Eye protection: Wear eye/face protection (such as eye protector).

Skin/Body protection: Wear rubber boots and apron.

9. Physical and chemical properties

Physical state, appearance, color, etc.: Solid material (blue)

Odor: Slight characteristic

pH: No data



Melting/Freezing point: No data
 Boiling point, initial boiling point, and boiling range: No data
 Flash point: above 130°C
 Vapor pressure: No data
 Flammability range: No data
 Density: 1.0~1.2
 Solubility: Soluble in ethyl acetate and toluene. Insoluble in water.
 Partition coefficient (Octanol/water): No data
 Auto ignition temperature: No data

10. Stability and reactivity

Stability: Stable under normal conditions.
 Hazardous reactivity: Polymerization involving high heat may occur by sudden heating, direct sunlight, ultraviolet irradiation, etc.
 In inert gas atmosphere, polymerization may occur.
 Conditions to avoid: Ultraviolet, heat, high temperature
 Incompatible materials: Strong oxidizing compound, Base, Acid
 Hazardous Decomposition Products: No data

11. Toxicological information

Respiratory or skin sensitization: Contains existing chemical substances of skin sensitization category 1 (less than 1%).
 Germ cell mutagenicity: None known
 Carcinogenicity: None known
 Reproductive toxicity: None known
 Specific Target Organ/systemic toxicity (single exposure): None known
 Specific Target Organ/systemic toxicity (repeated exposure): None known

12. Ecological information

Aquatic environmental toxicity (acute): None known.
 Since the product is insoluble in water, it is presumed that it is unlikely to spread to aquatic environment.
 Aquatic environmental toxicity (chronic): None known.

13. Disposal considerations

Waste and residues: Waste disposal according to official state regulations and local requirements.
 Contaminated container and packages: Containers need to be cleaned and recycled, or disposed according to official state regulations and local requirements. Empty containers need to be disposed only after the contents are completely removed.

14. Transport information

National regulations (Regulatory information)
 Ship Safety Act: Not applicable
 Civil Aeronautics Act: Not applicable
 UN number: Not applicable
 UN classification: Not applicable
 Shipping name: Not applicable
 Marine pollutant: Not applicable
 Special precautions: For transportation, avoid direct sunlight, and load the product appropriately so that it will not damage containers and prevent corrosion, leakage, and collapsing.

15. Regulatory information

Fire Services Act: Designated flammable goods (synthetic plastics) (Designated quantity 3000kg) (Article 9-4, Cabinet Order Concerning the Control of Hazardous Materials Article 1-12 Attached Table 4)

16. Other information

Information provided in this Safety Data Sheet is based on our current knowledge. It should not be construed as guaranteeing any specific property of the product. Please be very careful when handling the product.