## Section 1: IDENTIFICATION

**Product details:**

**Trade name: Vitacrilic® Long Working**
**Chemical name:** Methacrylate Copolymer
**Application of the substance / the preparation:** Manufacture of dental prosthesis
**Uses Advised Against:** Non-dental use

**Manufacturer/Supplier:**

Fricke Dental International, Inc. Telephone: (630)540-1900
165 Roma Jean Parkway
Streamwood, IL 60107 U.S.A.

**Emergency Information:**

(800)535-5053 (Infotrac)

## Section 2: HAZARDS IDENTIFICATION

**Hazard classification:**

Acute toxicity, Oral, Category 4 (OSHA), Category 5 (UN Purple Book GHS)
Acute toxicity, Dermal, Category 4 (OSHA), Category 5 (UN Purple Book GHS)
Acute toxicity, Inhalation, Category 4 (OSHA), Category 5 (UN Purple Book GHS)
Eye irritation (Category 2B)

**Labeling:** FDA regulated device – exempt from Regulation (US) 29 CFR. 1910.1200.

**Pictogram/Symbol:**

**Signal word:**

Warning

**Hazard statement(s)**

| | |
|---|---|
| H303 | May be harmful if swallowed. |
| H315 | May cause skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |

## Section 2: HAZARDS IDENTIFICATION (Continued…)

**Precautionary statement(s)**

| | |
|---|---|
| P202 | Do not handle until all safety precautions have been read and understood. |
| P234 | Keep only in original container. |
| P235+P410 | Keep cool. Protect from sunlight. |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray. |
| P264 | Wash thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P330 | IF SWALLOWED: Rinse mouth. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313 | If exposed or concerned: Get medical advice attention. |
| P312 | Call a poison center or doctor if you feel unwell. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |

## Section 3: COMPOSITITION/INFORMATION ON INGREDIENTS

Chemical Characterization:
Description:

| Dangerous and Non-Dangerous components: | | | |
|---|---|---|---|
| CAS # | Name | Hazard Classification | % |
| n/a | Proprietary Formulation | None | 100 |

## Section 4: FIRST-AID MEASURES

**Inhalation**: Remove to fresh air. Get medical attention if discomfort persists.
**Skin**: Immediately wash with water and soap. Rinse thoroughly. If irritation occurs, consult a doctor.
**Eye**: Flush with plenty of water for at least 15 minutes. Seek medical advice.
**Ingestion**: Rinse mouth out with water.

## Section 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**: Water, carbon dioxide, dry chemical.
**Approx. flammable limit by % volume in air:**
**LEL: NA** **UEL: NA**
**Special Hazards:** Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
**Advice for Firefighters**: Avoid extinguishing methods which may generate dust clouds. Do not use a water stream as it can disperse dust into the air, producing a fire hazard and possible explosion hazard if exposed to an ignition source.

## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
**Containment and Cleanup**: Pick up and arrange disposal without creating dust. Sweep up material to avoid a slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

## Section 7: HANDLING AND STORAGE

**Precautions For Safe Handling**: No special measures required.
**Conditions For Safe Storage**: Keep in a well ventilated area. Store under 80°F (27°C). Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls**: Provide good local exhaust at processing equipment.
**Eye/Face Protection**: Safety goggles or chemical splash goggles.
**Skin Protection**: Wear impervious gloves with consideration to the product and the preparation.
**Body Protection:** Protective work clothing.
**Respiratory Protection:** Not required but use the type for Particulates Not Otherwise Classified if needed.
**Environmental Exposure**:

| **Occupational Exposure Limits:** | |
|---|---|
| Particulates Not Otherwise Regulated (Non Hazardous) | |
| OSHA PEL (Total Dust) | 15 mg/m$^3$ |
| OSHA PEL (Respirable Fraction) | 5 mg/m$^3$ |

**Additional Information:** The lists that were valid during the creation were used as a basis.

| Section 9: PHYSICAL AND CHEMICAL PROPERTIES | |
|---|---|
| **General Information** | |
| Physical state and appearance | Fine powder |
| Odor | Faint odor in bulk |
| **Change in Condition** | |
| Approx. boiling point | NA |
| Flash Point | > 300°C |
| Ignition Temperature | Not Established |
| Auto Igniting | Product is not self-igniting |
| Danger of explosion | Product is not explosive; however, formation of explosive powder/air mixture is possible. |
| **Other** | |
| Solubility in water | Insoluble |
| Vapor Density | NA |
| Evaporation Rate | NA |

## Section 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under recommended storage conditions.
**Hazardous Reactions:** No further relevant information available.
**Conditions To Avoid:** Incompatible materials, dust generation, excess heat, strong oxidants. Keep away from heat, sparks or ignition sources.
**Incompatible Materials:** Strong oxidizing agents and strong bases.
**Hazardous Decomposition Products:** Oxides of carbon when burned.

## Section 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity**

**Primary irritant effect:**

**On the skin:** no irritating effect
**On the eye:** dust may cause irritation with abrasive injury
**Ingestion:** small amounts are not expected to cause adverse effects.
**Inhalation:** inhalation of dust may cause irritation of the nose, throat, and upper respiratory tract.

**Chronic Health Effects**

No information found.

## Section 12: ECOLOGICAL INFORMATION

**Aquatic Toxicity**

No data available

**Ecological Toxicity**

No data available

**Mobility in Soil**

No data available

**Other Adverse Effects**

No data available

## Section 13: DISPOSAL CONSIDERATIONS

**Product:** Small quantities can be polymerized with the matching system component(s) and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of according to official regulations.

**Contaminated Packaging:** Must be disposed of according to official regulations.

## Section 14: TRANSPORT INFORMATION

**UN Number:** None
**Proper Shipping Name:** Not regulated.
**Hazard Class:** None
**Packing Group:** None
**Label Statement:** None

## Section 15: REGULATORY INFORMATION

**Federal and State Regulations**

US OSHA Hazard Classification: Non-hazardous
SARA Title III, Section 355: None

## Section 15: REGULATORY INFORMATION (Continued…)

SARA Title III, Section 313: None
SARA Title III, Section 311-312: None
California:
Substances known to the state of California to cause cancer: None
Substances known to the state of California to cause birth defects or other reproductive harm: None

**WHMIS (Canada)**

Not a controlled product.

**EINECS (Europe)**

**Hazard Symbols**

Not available.

**Risk Phrases**

–

**Safety Phrases**

S 24/25 – Avoid contact with skin and eyes.

**HMIS (U.S.A.)**

Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: B

**National Fire Protection Association (U.S.A.)**

Health: 1
Flammability: 1
Reactivity: 0
Specific Hazard: -

## Section 16: OTHER INFORMATION

**References**

Not Available

**Other Special Considerations**

Not Available

| | |
|---|---|
| **Last Update/Revision Date:** | 01/02/17 |
| **Supersedes/Replaces:** | SDS.1095.2 |
| **Revised by:** | R. Tekstar |

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fricke Companies be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fricke Companies has been advised of the possibility of such damages.*