

**Section 1: IDENTIFICATION****Product details:****Trade name:** *HI-I*[®] Self Cure**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: COMPOSITION/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.

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/m³

OSHA PEL (Respirable Fraction)

5 mg/m³

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**

No data available.

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

SARA Title III, Section 313: None

SARA Title III, Section 311-312: None

**Section 15: REGULATORY INFORMATION (Continued...)****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 available.

EINECS (Europe)**Hazard Symbols**

Not available.

Risk Phrases

-

Safety Phrases

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

HMIS (estimated) (U.S.A.)

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

National Fire Protection Association (estimated) (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.1000.3 |
| Revised by: | R. Tekstar |

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