

SAFETY DATA SHEET



Date Prepared: 7.1.2015
MSDS No.: ZCad Wax
Revision No.: 0

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: ZCad Wax (Brown, White, Grey, And Beige) **USE OR APPLICATION:** Used to produce crown/bridges

<u>Company Information:</u>	<u>USA</u>	<u>International</u>
Company Name:	Harvest Dental Products, LLC	Harvest HPdent GmbH
Street:	155 Arovista Circle, Suite B	Anneliese - Bilger - Platz 1
City/ Zip:	Brea, 92821	78244 Gottmadingen
State/ Province:	California	BW
Country:	USA	Germany
Telephone:	1+714-674-7400	+49 7731 38 11 044
Emergency Telephone:	Infotrac: 1+800-535-5053	Infotrac INTL: 1+352-3232-3500 (Collect)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Proprietary mixture of waxes.

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

Move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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5. FIRE FIGHTING MEASURE

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use normal precautions when handling hot molten liquid solutions. Do not breathe fumes or vapor from heated material. Do not allow hot material to contact skin. Provide appropriate exhaust ventilation at places where dust is formed. Try to avoid creating dust.

7.2 Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. No chemical incompatibilities.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Wax Fume ACGIH STEL: 2 mg/m³ NIOSH TWA: 2 mg/m³

8.2 Exposure controls

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits (see below). An eye wash station and safety shower should be located near the workstation.

8.3 Personal protective equipment

Eye/face protection

Use a full-face shield and safety glasses if handling heated material. With product at ambient temperatures, use safety glasses equipped with side shields. **Ferris Gold Machinable Wax** Page 3 of 5

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Section 8 Exposure Controls/Personal Protection cont.

8.4 Skin protection

Hand Protection

When handling product at elevated temperatures, use heat-resistant gloves. With product at ambient temperatures, use disposable nitrile, neoprene or butyl rubber gloves with repeated or prolonged use.

Body Protection

Prevent skin contact when handling heated material. Use insulated, heat resistant clothing such as apron or slicker suit.

8.5 Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

8.6 Safety Stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

8.7 General Hygienic Practices

Avoid breathing dust, vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Brown/Beige/White/Grey

Odor Mild

Odor Threshold No data available

pH No data available

Melting Point No data available

Ring and Ball Softening Point 228°F

VOC Content 0

Initial boiling point & boiling range No data available

Flash Point (COC) 465°F (240°C)

Evaporation rate No data available

Flammability (solid, gas) No data available

Upper/lower flammability No data available

Vapor Pressure No data available

Vapor density No data available

Relative density (g/cc) 0.9 ±0.05

Water Solubility Insoluble

Coefficient: n-octanol/ water No data available

Auto-ignition temperature No data available

Viscosity No data available

Explosive Properties None

Oxidizing Properties None

% Volatile 0

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10. STABILITY AND REACTIVITY

10.1 Reactivity

None.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Heat and open flames.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

Thermal oxidative decomposition can produce CO and CO₂.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity No data available

Inhalation No data available

Dermal No data available

Skin corrosion/irritation No data available

Serious eye damage/eye irritation No data available

Respiratory or skin sensitization No data available

Germ cell mutagenicity No data available

Carcinogenicity

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Reproductive toxicity No data available

Specific target organ toxicity

- **single exposure** No data available

Specific target organ toxicity

- **repeated exposure** No data available

Aspiration hazard No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity No data available

12.2 Persistence and degradability No data available

12.3 Bio accumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT & vPvB assessment No data available

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13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. TRANSPORT INFORMATION

14.1 Shipping Name:

DOT: Not regulated

TDG: Not regulated

IMDG: Not regulated

IATA: Not regulated

15. REGULATORY INFORMATION

15.1 US Federal Regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001

SARA 311/312 Codes: No hazard categories identified

SARA Toxic Chemical (40 CFR 372.65): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

15.2 State Regulations

This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

PREPARED BY: Sasha DerAvanessian

REVISION SUMMARY: This SDS replaces all prior MSDS.

HMIS RATING:

RATINGS:

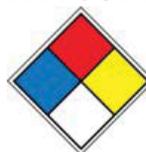
0 = Minimal

2 = Slight

3 = Serious

4 = Severe

NFPA CODES



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