



# Global Dental Impression Trays, Inc.

## \* Material Safety Data Sheet \*

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### SECTION 1 - IDENTIFICATION

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Color Number: FCC-41220-PP-2      Color: 109C FDA YELLOW      Date Prepared: 5-11-11  
Ship name: Plastic Material  
Chemical Type: Thermoplastic resin and/or pigments and dyes  
Manufacturer: Global Dental Impression Trays, Inc.      **Emergency Contact:** 918-246-2123  
3314 East 11th Street      Contact Information: 888-DENTRAY  
Tulsa, Ok 74112      Mrs. Kellie Alexander

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### SECTION 2 - HAZARDOUS INGREDIENTS

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Considered non- hazardous by resin and pigment suppliers.

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### SECTION 3 - PHYSICAL/CHEMICAL CHARACTERS

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Specific gravity (H2O=1)	0.91 – 1.0
Evaporation rate (BuAc=1)	Not applicable
Appearance and odor	Pellets with little or no odor
Boiling point	Not applicable
Solubility in water	Insoluable
Melting point	250 – 500Fdepending on base resin

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### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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Flash Point- Not applicable: Non-volatile, non-combustible.  
Extinguishing method- Carbon dioxide foam, dry chemical, of water spray.  
Special Fire fighting procedures-Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Water or dry chemicals should not be used on machinery.  
Flammable limits- Not measurable.  
Unusual fire and explosive hazards-None.

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### SECTION 5 - REACTIVE DATA

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Stability-Stable.  
Incompatibility -Strong acids and oxidizing agents.  
Hazardous decomposition- Combustion will produce carbon dioxide and carbon monoxide.  
If acetal based, concentrated formaldehyde may be released if run at an unusually high temperature.

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## SECTION 6 - HEALTH HAZARD DATA

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Exposure effects - Acute symptoms may occur.

Threshold limit value - OSHA permissible exposure limit not established.

Ingestion - Low toxicity if swallowed.

Inhalation - Low toxicity if inhaled.

Skin - Molten material will produce thermal burns if it is allowed to come in contact, or absorbed through skin.

Eye - May cause minimal irritation if allowed to come in contact with the eye area.

Chronic - No specific information.

### **Emergency and First Aid procedures**

Eye contact - Flush with water to remove particles.

Skin contact - If molten material contacts skin, cool rapidly with cool water.

Ingestion - If a significant quantity has been swallowed, give two glasses of water to induce vomiting. Never give anything to an unconscious person.

Inhalation - Remove to fresh air. If breathing is difficult, give oxygen.

Seek medical attention for all above occurrences.

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## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USAGE

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Released or spilled material - Pellets are slippery, sweep up and place in a disposable container.

Waste disposal method - Incinerate or bury in landfill in accordance with federal, state, and local regulations. Waste material should be reviewed to determine the applicable hazards. This product should be tested for EP.

Handling and storage - Do not store near acids. Keep containers closed and wash hands thoroughly after handling.

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## SECTION 8 - CONTROL MEASURES

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Respiratory protection - None needed.

Ventilation - Low exhaust is recommended when appropriate to control employee exposure.

Mechanical may not be adequate as the sole means to control employee exposure.

Protective equipment - Chemical goggles are recommended. Protective gloves are recommended during processing. Body protection is necessary to prevent skin contact.

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## SECTION 9 - FEDERAL AND STATE REGULATIONS

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### **SECTION 313 NOTIFICATION**

This product may contain toxic chemicals pertaining to the reporting requirements of Section 313, of the Sara Title 3 of the Superfound Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

Section 313 of Sara Title 3 requires this information to be attached to the material safety data sheet for this product.

<b><u>CHEMICAL NAME</u></b>	<b><u>CAS#</u></b>
Titanium Dioxide	13463-67-7
Metal Salt Azo Yellow	129423-54-7
C.I. pigment yellow 214/Organic	Proprietary
Zinc Stearate	557-05-1
Polypropylene	9003-07-0

### **State Regulations**

The state of California regulation (proposition 65) identifies specific chemicals known to cause cancer or birth defects. Proposition 65 requires a disclosure for products sold within the state of California containing an identified chemical. The following disclaimer is required by the state of California: This product may contain chemicals known to the state of California to cause cancer or birth defects.

Data provided in this MSDS was obtained from evaluation studies by pigment, dye, and thermoplastics resin suppliers as well as literature references. As we believe this information to be accurate and reliable to the best of our knowledge, it is the responsibility of the user to request updated information on this specific product. Since conditions of use are beyond our control, we make no warranties, expressed or implied with respect to the information contained herein.