

# YOUNG<sup>TM</sup>

## DENTAL MANUFACTURING

### S A F E T Y   D A T A   S H E E T

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#### 1. Product and Company Identification

|                               |                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Material name</b>          | <b>Trace<sup>®</sup> Disclosing Tablets</b>                                                        |
| <b>Part/Item Number</b>       | <b>232225</b>                                                                                      |
| <b>Recommended Use</b>        | Plaque Disclosing Tablets                                                                          |
| <b>Manufactured for</b>       | Young Dental Manufacturing<br>13705 Shoreline Court East<br>Earth City, MO 63045<br>1.800.325.1881 |
| <b>Emergency Phone Number</b> |                                                                                                    |
| <b>Infotrac:</b>              |                                                                                                    |
| <b>24-Hour Number</b>         | 1-800-535-5053                                                                                     |
| <b>Outside U.S</b>            | 1-352-323-3500                                                                                     |

#### 2. Hazards Identification

|                                 |                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Emergency overview</b>       | Material Not Considered Hazardous when proper precautions are taken. Contains a possible nuisance dust. |
| <b>Potential health effects</b> | None Determined for Material                                                                            |
| <b>Eyes</b>                     | Can cause irritation and pain, inflammation.                                                            |
| <b>Skin</b>                     | Irritation                                                                                              |
| <b>Inhalation</b>               | Nose/Throat-irritation.                                                                                 |
| <b>Ingestion</b>                | No Hazard Determined                                                                                    |

#### 3. Composition / Information on Ingredients

| Components        | CAS #      | Percent |
|-------------------|------------|---------|
| Flavor, SD Cherry | NA         | 1.0     |
| D & C Red #28     | 18472-87-2 | 1.0     |

#### 4. First Aid Measures

|                             |                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>First aid procedures</b> | No special precautions needed if directions on product container are followed.                                   |
| <b>Eye contact</b>          | Flush with water for 15 minutes or more. Get medical attention.                                                  |
| <b>Skin contact</b>         | Wash well with soap or water, rinse well.                                                                        |
| <b>Inhalation</b>           | Remove person to fresh air.                                                                                      |
| <b>Ingestion</b>            | Not available                                                                                                    |
| <b>Notes to physician</b>   |                                                                                                                  |
| <b>General advice</b>       | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire Fighting Measures

### Flammable properties

### Suitable extinguishing media

### Unsuitable extinguishing Media

### Protection of firefighters

### Specific hazards arising from the chemical

### Protective equipment and precautions

### Specific methods

Dust may become highly explosive at critical concentrations in air.

Water fog. Foam. Carbon dioxide (CO<sub>2</sub>).

Not available

Standard firefighting techniques and protective clothing

Dust may become highly explosive.

Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials.

## 6. Accidental Release Measures

### Personal precautions

### Environmental precautions

### Methods for containment

### Methods for cleaning up

Standard personal protection equipment.

Not available

Not available

Collect by vacuum cleaner or broom. Place in a tightly closed container. For waste disposal, see section 13 of the SDS.

## 7. Handling and Storage

### Handling

Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid formation of dust. Avoid inhalation, skin and eye contact. Wash contaminated clothing before reuse.

### Storage

Store at room temperature in tightly closed containers. Keep away from heat, sparks and open flame. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). When handling individual ingredient, read the corresponding SDS.

## 8. Exposure Controls / Personal Protection

### Engineering controls

### Personal protective equipment

#### General

#### Eye / face protection

#### Skin protection

#### Respiratory protection

Local exhaust for dusty operations.

NIOSH approved respirator if dusting, gloves, safety goggles.

Use personal protective equipment as required.

Safety goggles

"Tyvek" coveralls. Rubber or vinyl gloves.

NIOSH approved respirator, if dusting. Local exhaust during dusty operations.

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### General hygiene Considerations

## 9. Physical & Chemical Properties

### Color

### Physical state

### Form

### pH

### Freezing point

### Boiling point

### Flash point

### Evaporation rate

### Flammability limits in air, upper, % by volume

### Flammability limits in air, lower, % by volume

Red

Solid

Tablet

Not available

Not available

Not available

Over 200° in a tag closed cup

Not available

NOT DETERMINED.

NOT DETERMINED.

|                  |                          |
|------------------|--------------------------|
| Vapor pressure   | Not available or Unknown |
| Vapor density    | Not available            |
| Specific gravity | 1.5                      |
| RVOC             | Not available            |
| Pour point       | Not available            |
| Viscosity        | Not available            |
| Percent volatile | Not available            |

## 10. Stability & Reactivity

|                                    |                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------|
| Chemical stability                 | Material is stable under normal conditions.                                                      |
| Conditions to avoid                | Elevated temperatures                                                                            |
| Incompatible materials             | Avoid strong oxidizing agents.                                                                   |
| Hazardous decomposition Products   |                                                                                                  |
| Possibility of hazardous Reactions | No dangerous reaction known under conditions of normal use.<br>Follow product insert guidelines. |

## 11. Toxicological Information

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Toxicological data        | Not Determined                                                                              |
| Sensitization             | Not classified.                                                                             |
| Acute effects             | Not Available                                                                               |
| Carcinogenicity           | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.             |
| Skin corrosion/irritation | Not available                                                                               |
| Mutagenicity              | No data available to indicate product or any components present are mutagenic or genotoxic. |
| Reproductive effects      | Contains no ingredient listed as toxic to reproduction                                      |

## 12. Ecological Information

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Ecotoxicological data           |                                          |
| Persistence / degradability     | Expected to be inherently biodegradable. |
| Bioaccumulation/Accumulation    | No data available.                       |
| Mobility in environmental media | No data available for this product.      |

## 13. Disposal Considerations

|                                       |                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Waste codes                           | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Disposal instructions                 | Dispose in accordance with all applicable regulations for federal and state agencies.                          |
| Waste from residues / unused products | Dispose of in accordance with local regulations.                                                               |
| Contaminated packaging                | Not available                                                                                                  |

## 14. Transport Information

|       |                                                                                                           |
|-------|-----------------------------------------------------------------------------------------------------------|
| Notes | Refer to bill of lading or container label for DOT or other transportation hazard classification, if any. |
|-------|-----------------------------------------------------------------------------------------------------------|

## 15. Regulatory Information

|                                                             |                   |
|-------------------------------------------------------------|-------------------|
| US federal regulations                                      | None              |
| Reportable Quantity                                         | No Data Available |
| CERCLA (Superfund) reportable quantity                      | None              |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) |                   |
| Section 302 extremely hazardous substance                   | No                |

**Section 311 hazardous chemical**

No

## **16. Other Information**

**Supersedes:** 29 January 2013

**Date Revised:** 16 June 2015

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