SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name
Teets Cold Cure Denture Material Liquid
Methyl Methacrylate Monomer-Stabilized

Other Means of Identification
SDS #
COI-001

UN/ID No
UN1247

Synonyms
TEETS Cold Cure Denture Material Liquid Self Curing Denture Material Liquid Methacrylate Monomer

Recommended Use of the Chemical and Restrictions on Use
Recommended Use
Fabrication of dentures.

Details of the Supplier of the Safety Data Sheet
Supplier Address
Co-Oral-It Dental Mfg. Co.
6635 Merchandise Way
Diamond Springs, CA 95619

Emergency Telephone Number
Company Phone Number 530-621-4913
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification
Skin Corrosion/Irritation Category 2
Serious Eye Damage/ Eye irritation Category 2
Skin sensitization Category 1
Specific target organ toxicity (single exposure) Category 3
Flammable liquids Category 2

Signal Word
Warning

Hazard Statements
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause respiratory irritation. May cause drowsiness or dizziness
Highly flammable liquid and vapor

Appearance Clear mobile liquid Physical State Liquid Odor Characteristic Strong Acrid
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool
Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Get medical attention if irritation occurs
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazard Not Otherwise Classified (HNOC)
May be harmful in contact with skin

Other Hazards
Harmful to aquatic life with long lasting effects
Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

## Synonyms
TEETS Cold Cure Denture Material Liquid Self Curing Denture Material Liquid Methacrylate Monomer.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate</td>
<td>80-62-6</td>
<td>&gt;98</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

## First Aid Measures

**Eye Contact**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

**Skin Contact**
Wash off immediately with soap and plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if symptoms occur.

**Inhalation**
Remove to fresh air. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion**
Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center.
Most Important Symptoms and Effects, both Acute and Delayed

Symptoms
May cause skin irritation with redness and swelling. Eyes may have symptoms of redness, itching, irritation and watering from overexposure. May cause irritation to the mucous membranes and upper respiratory tract. Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness. Temporary sensory nervous system effects such as coldness or numbness of the extremities can occur, as well as abnormal kidney function tests and temporary elevation of blood pressure.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Foam. Dry chemical. Carbon dioxide (CO2).

Unsuitable Extinguishing Media
Not determined.

Specific Hazards Arising from the Chemical
Sealed containers exposed to elevated temperatures may rupture explosively due to polymerization. Vapors are heavier than air and may travel along ground to ignition sources and flash back. Cool containers exposed to flames with water until well after the fire is out. Sealed containers may rupture when heated.

Hazardous Combustion Products
Carbon oxides.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Evacuate personnel to safe areas. Ventilate affected area. Wear self-contained breathing apparatus (SCBA).

Environmental Precautions
Prevent product from entering drains.

Methods and Material for Containment and Cleaning Up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up
Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing vapors or mists. Use only in well-ventilated areas. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Observe precautions found on the label. Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store away from heat, sparks, flame. Protect from direct sunlight. Maintain air space inside storage containers.

Packaging Materials Keep in original container. Material is a strong solvent and can soften paints and rubber.


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate</td>
<td>STEL: 100 ppm TWA: 50 ppm</td>
<td>TWA: 100 ppm TWA: 410 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 410 mg/m³</td>
<td>IDLH: 1000 ppm TWA: 100 ppm TWA: 410 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Safety glasses. Use chemical safety goggles and/or full-face shield where splashing is possible.

Skin and Body Protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Nitrile rubber is better than PVC.

Respiratory Protection In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH-approved air purifying respirator with organic vapor cartridge may be necessary under circumstances where concentrations are expected to exceed exposure limits.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Appearance</th>
<th>Odor</th>
<th>Odor Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Clear mobile liquid</td>
<td>Characteristic Strong Acrid</td>
<td>0.5-1.0 ppm</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Unstable with heat.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization may occur. Conditions to avoid for hazardous polymerization:
Excessive heat, storage in absence of inhibitor, inadvertent addition of catalyst.
Contamination of product may also cause hazardous polymerization.

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
Oxidizing agents. Reducing agent.

Hazardous Decomposition Products
Decomposes with heat. Hazardous gases and vapors produced are carbon monoxide, carbon dioxide, and smoke.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact
Causes serious eye irritation.

Skin Contact
Causes skin irritation. May be harmful in contact with skin. May cause allergic skin reaction.

Inhalation
Avoid breathing vapors or mists.

Ingestion
Do not taste or swallow.
Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td>= 7872 mg/kg (Rat)</td>
<td>&gt; 5 g/kg (Rabbit)</td>
<td>= 4632 ppm (Rat) 4 h = 400 ppm (Rat) 1 h</td>
</tr>
</tbody>
</table>

Information on Physical, Chemical and Toxicological Effects

Symptoms
Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity
Not classifiable as a human carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend
IARC (International Agency for Research on Cancer) Group 3 IARC components are "not classifiable as human carcinogens"
STOT - Single Exposure May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical Measures of Toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td>170: 96 h Pseudokirchineriella subcapitata mg/L EC50</td>
<td>243 - 275: 96 h Pimephales promelas mg/L LC50 flow-through 125.5 - 190.7; 96 h Pimephales promelas mg/L LC50 static 170 - 206; 96 h Lepomis macrochirus mg/L LC50 flow-through 153.9 - 341.8; 96 h Lepomis macrochirus mg/L LC50 static 79; 96 h Oncorhynchus mykiss mg/L LC50 flow-through 79; 96 h Oncorhynchus mykiss mg/L LC50 static 326.4 - 426.9; 96 h Poecilia reticulata mg/L LC50 static</td>
<td>69: 48 h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability
Not readily biodegradable Chemical Oxygen Demand (COD): 88% (28 days) Inherent Biodegradation: Dissolved Organic Carbon Removal (DOC Removal): >95% (28 days)

Bioaccumulation
Not determined

Mobility
Potential for mobility in soil is very high

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td>0.7</td>
</tr>
</tbody>
</table>
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not reuse container. Dispose of in accordance with federal, state and local regulations.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td>U162</td>
<td>Included in waste stream:</td>
<td>F039</td>
<td>U162</td>
</tr>
</tbody>
</table>

This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td>Toxic</td>
</tr>
<tr>
<td></td>
<td>Ignitable</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No UN1247
Proper Shipping Name Methyl methacrylate monomer, stabilized
Hazard Class 3
Packing Group II
Reportable Quantity (RQ) 1000 lbs

IATA

UN/ID No UN1247
Proper Shipping Name Methyl methacrylate monomer, stabilized
Hazard Class 3
Packing Group II

IMDG

UN/ID No UN1247
Proper Shipping Name Methyl methacrylate monomer, stabilized
Hazard Class 3
Packing Group II

15. REGULATORY INFORMATION

International Inventories
Not Determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/INDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECS - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
US Federal Regulations

CERCLA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td>1000 lb</td>
<td>RQ 1000 lb final RQ</td>
<td>RQ 454 kg final RQ</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

- Acute health hazard: Yes
- Chronic Health Hazard: No
- Fire hazard: Yes
- Sudden release of pressure hazard: No
- Reactive Hazard: Yes

SARA 313

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate - 80-62-6</td>
<td>80-62-6</td>
<td>&gt;98</td>
<td>1.0</td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)

<table>
<thead>
<tr>
<th>Component</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6 ( &gt;98 )</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

US State Regulations

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate 80-62-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA

- Health Hazards: 2
- Flammability: 3
- Instability: 2
- Special Hazards: Not determined

HMIS

- Health Hazards: 2
- Flammability: 3
- Physical Hazards: 2
- Protection: Not determined

Issue Date: 13-Apr-2011
Revision Date: 10-May-2013
Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet