

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Dental Use



Date Issued : 1/25/2007
 SDS No : 141-001.2
 Date Revised : 3/17/2014
 Revision No : 2

Universal Impression Tray Adhesive

SECTION 1 : Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product code : F/G 5101
Product name : Universal Impression Tray Adhesive
Product description : Dental Impression Tray Adhesive

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Professional Use Dental Impression Accessory

1.3. Details of the supplier of the safety data sheet

Manufacturer
 Ultradent Products, Inc.
 505 W. 10200 S.
 South Jordan, UT 84095

Distributor
 UP Dental GmbH
 Am Westhoven Berg 30
 51149 Cologne Germany
Emergency Phone : +49(0)2203-35-92-0

1.4. Emergency telephone number

CHEMTREC (NORTH AMERICA) : (800) 424 - 9300
(INTERNATIONAL) : +1(703) 527 - 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

Danger symbols : F, Xn
R phrases : R20/21

2.2. Label elements

Classification according to Directive 1999/45/EC

Hazard pictogram(s) : F Xn



Highly
flammable



Harmful

R&S statement(s) : R20/21: Harmful by inhalation and in contact with skin.

2.3. Other hazards

Immediate concerns : Highly Flammable

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

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3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt %	Classification according to Directive 67/548/EEC
Xylene	1330-20-7	215-535-7	< 40	Xi; R10; R20/21; R38
Toluene Mixture	108-88-3	203-625-9	< 20	F; Xn; R11; R38; R48/20; R63; R65; R67
2-propanol	67-63-0	200-661-0	< 5	R67; R11; R36

For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

Following skin : Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists seek medical attention. Wash contaminated clothing before using them.

Following ingestion : If swallowed, rinse mouth with water, Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Following inhalation : If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

4.2. Most important symptoms and effects, both acute and delayed

Eyes : May cause eye irritation.

Skin : May cause skin irritation.

Ingestion : Harmful if swallowed.

Inhalation : Harmful if inhaled. This product may irritate the mucosa and the upper respiratory tract.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician : Not Applicable

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Extinguishing media : Please see Fire Fighting Equipment under Section 5.3.

5.2. Special hazards arising from the substance or mixture



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Explosion hazards	: Not Determined
Fire explosion	: Not Determined
Sensitive to static discharge	: Not Determined
Sensitivity to impact	: Not Determined

5.3. Advice for firefighters

Fire fighting procedures	: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.
Fire fighting equipment	: Water spray, fog, or mist, foam, dry chemical, carbon dioxide(CO ₂)

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General procedures	: Refer to Section 8 for Personal Protective Equipment.
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6.2. Environmental precautions

Water spill	: Do not allow to enter sewers or drains that may lead to waterways.
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6.3. Methods and material for containment and cleaning up

Small spill	: Clean up spills immediately, observing precautions in Protective Equipment section.
Large spill	: Collect in tightly closed containers.

6.4. Reference to other sections

Reference to other sections	: Not Applicable
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	: Use suitable protective equipment.
Storage	: See product labeling.

7.2. Conditions for safe storage, including any incompatibilities

Shelf life	: See product labeling
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7.3. Specific end use(s)

Specific end use(s)	: Professional Use Dental Impression Accessory
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters	: Not Determined
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8.2. Exposure controls

Engineering controls	: Use only in a well ventilated area.
Eye/face protection	: Wear eye protection

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Skin protection : S36/37: Wear suitable protective clothing and gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Slightly turbid and viscous.
Colour : Red
Odour : Solvent
Flash point : < 21°C
Solubility in water : Partly miscible with water to 20°C

9.2. Other information

Percent volatile : Not Determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable : Yes

10.2. Chemical stability

Chemical stability : Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization : No

10.4. Conditions to avoid

Conditions to avoid : None known.

10.5. Incompatible materials

Incompatible materials : strong oxidants such as nitric acid, sulfuric acid, perchlorates and similar agents

10.6. Hazardous decomposition products

Hazardous decomposition products : When heated or in the event of a fire, carbonoxides may be released and vapours which are dangerous to health. The vapours may also form explosive mixtures with the air.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute

Dermal LD₅₀ : Not Determined
Oral LD₅₀ : Not Determined
Inhalation LC₅₀ : Not Determined

SECTION 12: Ecological information

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12.1. Toxicity

Aquatic toxicity (acute)	: Do not allow to enter sewers or drains that may lead to waterways.
96-hour LC₅₀	: Not Determined
48-hour EC₅₀	: Not Determined
96-hour EC₅₀	: Not Determined

12.2. Persistence and degradability

Persistence and degradability	: Not Determined
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12.3. Bioaccumulative potential

Bioaccumulative potential	: Not Determined
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12.4. Mobility in soil

Mobility in soil	: Not Determined
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	: Not Determined
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12.6. Other adverse effects

Environmental data	: Biodegradable
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal method	: Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)
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SECTION 14: Transport information

14.1. UN number

UN number	: 1133
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14.2. UN proper shipping name

UN proper shipping name	: Adhesives (containing flammable liquid);
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14.3. Transport hazard class(es)

Hazard classification	: 3
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14.4. Packing group

Packing group	: II
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14.5. Environmental hazards

Marine pollutant #1	: N/A
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14.6. Special precautions for user

ADR - road	: N/A
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RID - rail	: N/A
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IMDG - sea	: N/A
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IATA - air : N/A

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk : N/A

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

RoHS : Please refer to Medical Devices Directive 93/42/EEC

15.2. Chemical safety assessment

Chemical safety assessment : Not Determined

SECTION 16: Other information

Relevant R-phrases and/or H-statements (number and full text) : R10: Flammable.
 R11: Highly flammable.
 R20/21: Harmful by inhalation and in contact with skin.
 R36: Irritating to eyes.
 R38: Irritating to skin.
 R48/20: Harmful : danger of serious damage to health by prolonged exposure through inhalation.
 R63: Possible risk of harm to the unborn child.
 R65: Harmful: may cause lung damage if swallowed.
 R67: Vapors may cause drowsiness and dizziness.

Prepared by : Anu Kattoju

Revision summary : This MSDS replaces the 3/17/2014 MSDS.

General statements : N/A=Not Applicable

Manufacturer disclaimer : FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.