



TRUE PREP DIE SPACERS & THINNER Revision Date: 07.10.13

SECTION 1: PRODUCT / COMPANY INFORMATION

1,1 Product Identifier

Product Trade Name: True Prep Die Spacers (All Colors) and Thinner
 Uses/ Application: Stump Die Spacer for use in dental laboratories
 Article Number(s): 7500, 7501, 7502, 7503, 7504, 7505, 7506, 7507, 7508, 7509, 7510

1,2 Company Information:

USA	International
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)

SECTION 2: HAZARD IDENTIFICATION

2,1 Hazard Classification:

(according to communitarian directives 67/548/EEC&99/45/EC)
 Hazard Classes: Highly flammable; Harmful; Irritating
 Hazard Codes: F, Xi
 Risk statements: 11-36/37
 Safety statements: 2-9-16



SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3,1 Hazardous Ingredients:

(according to communitarian directives 67/548/EEC&99/45/EC)

Ingredients	%	Hazard Symbols	Risk Phrases	CAS No	EINECS
Butanone	30-49	Xn	11-36/37	64742-89-8	289-220-8

(*) This substance is not considered toxix according to Directive 2008/58/EC, Annexes 1A and 1C

3,2 Further Information:

No further data

SECTION 4: FIRST AID MEASURES

- 4,1 Eye:** Flush with plenty of water also under eyelids for at least 15 minutes.
- 4,2 Skin:** Wash with soap and water. If irritation occurs, consult a physician.
- 4,3 Inhalation:** Move to fresh air, and provide oxygen if breathin is difficult. Get medical attention.
- 4,4 Ingestion:** Do not induce vomiting. Give large amounts of water. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

- 5,1 Suitable Extinguishing media:** Water spray, carbon dioxide or dry chemical powders. Fight larger fires with water spray or alcohol resistant form.
- 5,2 Forbidden extinguishing Media:** Not applicable
- 5,3 Special firefighting measures:** Not applicable
- 5,4 Unusual fire and explosion hazard:** None.
- 5,5 Special protection equipment:** No special measures are required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6,1 Personal precautions:** Impervious gloves, safety glasses, lab coat or apron, in case of a dangerous high concentration use a respirator with filter.
- 6,2 Environmental Precautions:** Avoid product spillage in sewage or drainage. Limit leakage and keep away from ignition sources.
- 6,3 Reclaiming Methods:** Avoid ignition sources. Absorb with paper towel or allow evaporation in hooded area. Flush area with water.

SECTION 7: HANDLING AND STORAGE (according to article 5 of communitarian directive 98/24/EC)

- 7,1 Handling precautions:** Keep away from ignition source. Keep container tightly closed.
- 7,2 Precautions in case of fire:** Keep away from sources of ignition. No smoking.
- 7,3 Storage conditions:** Store product at room temperature.
- 7,4 Suggested container:** Original sealed containers provided by manufacturer.
- 7,5 Environmental Precautions:** Do not allow product to reach sewers and rivers.
- 7,6 Other precautions:** Use according to directions.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

- 8,1 Exposure Limits:** Butanone TWA/TLV: 590 mg/m3 STEL: 885 mg/m3
- 8,2 Exposure Controls:** Use in well ventilated area.
- 8,3 Ventilation:**
Local exhaust ventilation: Recommended to keep exposure under TLV.
Special ventilation: None
Mechanical ventilation: None
Other Ventilation: None
- 8,4 Respiratory Protection:** Not needed
- 8,5 Hands Protection:** Neoprene or nitrile impervious gloves.
- 8,6 Eyes Protection:** Safety glasses.
- 8,7 Skin Protection:** Handle in accordance with good personal hygiene and safety practices.
- 8,8 Other:** None.
- 8,9 Environmental exposure control measures:** Not applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9,1 General information:**
Appearance: Colored liquid.
Odour: Petroleum odour.
- 9,2 Information related to health, safety and environment**
- | | | | |
|---------------------------------|----------------------|--------------------------------|-----------------|
| <u>pH:</u> | Not determined (N/D) | <u>Relative density:</u> | NA |
| <u>Boiling point:</u> | 79°C | <u>Specific gravity:</u> | 0,9 g/ml @ 20°C |
| <u>Flash Point:</u> | -4°C (TCC) | <u>Solubility:</u> | Insoluble |
| <u>Flammable:</u> | Yes | <u>Viscosity (dynamic):</u> | NA |
| <u>Lower Explosivity Limit:</u> | 1,2 | <u>Viscosity (cinematic)</u> | NE |
| <u>Upper Explosivity Limit:</u> | 11,5 | <u>Vapour density (air=1):</u> | Not established |
| <u>Oxidation:</u> | None | <u>Evaporation rate:</u> | NE |
| <u>Vapour Pressure:</u> | 105 hPa @ 20°C | <u>Melting point:</u> | NE |
- 9,3 Other information (according to communitarian directive 94/9/EC)**
- | | | | |
|-----------------------|-----------------|----------------|-----------------|
| Miscibility: | Not determined. | Conducibility: | Not determined. |
| Solubility in Lipids: | Not determined. | Gases Group: | Not determined. |

SECTION 10: STABILITY AND REACTIVITY

10,1	Stability:	Stable
10,2	Conditions to avoid:	Heat, flames, and sparks.
10,3	Materials to avoid:	Strong oxidizing agents.
10,4	Hazardous decomposition products:	Carbon dioxide and carbon monoxide, hydrocarbons.
10,5	Further information:	Not determined

SECTION 11: TOXICOLOGICAL INFORMATION

11,1	Acute oral toxicity:	LD 50 Rat: 2737 mg/Kg
11,2	Acute inhalation toxicity:	LC 50 RAT: > 21 mg/l
11,3	Actute dermal toxicity:	LD 50 Rat: > 5000 mg/kg
11,4	Irritation and corrosivity:	Can be mildly Irritating to eyes, skin and respiratory.
11,5	Sensitizing effects:	No sensitizing effects.
11,6	Effects after prolonged exposure:	Unknown.
11,7	Toxic-kinetic effects:	Unknown.
11,8	Effects on metabolism:	Unknown.

SECTION 12: ECOLOGICAL INFORMATION

12,1	Toxicity:	This product has no known ecological hazardous effects.
12,2	Mobility:	Not available
12,3	Persistence and degradability:	Not available
12,4	Biocommulative potential:	Not available
12,5	Results of PBT assesment:	Not available
12,6	Other adverse effects:	Not

SECTION 13: DISPOSABLE CONSIDERATIONS

13,1	Waste disposal methods:	
	Disposal considerations:	Dispose of in accordance to local regulations.

SECTION 14: TRANSPORT INFORMATION

14,1 **DOT Land transport (ADR/ RID) (49 CFR 172.101):**

UN Number:	1263
Transport hazard class:	3
Packing group:	II
Proper shipping name:	Paints
Hazard label:	Flammable Liquid
Limited quantity:	5 L



14,2 **Air transporation (IATA):**

UN Number:	1263
Transport hazard class:	3
Packing group:	II
Proper shipping name:	Paints
Hazard label:	Flammable Liquid
Limited quantity:	5L



14,3 **Sea transportation (IMDG)**

UN Number:	1263
Transport hazard class:	3
Packing group:	II
Proper shipping name:	Paints
Hazard label:	Flammable Liquid
Limited quantity:	5L



SECTION 15: REGULATORY INFORMATION (Classification according to communitarian directives 67/548/EEC & 99/45/EC)

15,1 Risk Phrases:

- 11 Highly flammable
- 36/37 Irritating to eyes and respiratory system.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

15,2 Safety Phrases

- 2 Keep out of the reach of children.
- 9 Keep container in a well-ventilated place.
- 16 Keep away from sources of ignition - no smoking.
- 25 Avoid contact with eyes.
- 33 Take precautionary measures against static discharges.

15,3 Further info: The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

15,4 Sources of key data used to compile the Safety Data Sheet:

- O.S.H.A. www.osha.gov
- European Chemicals Bureau (ECB) www.ecb.jrc.it
- European Chemical Substances Information (ESIS) www.ecb.jrc.it/esis
- A.C.G.I.H. www.acgih.org
- N.I.O.S.H. www.cdc.gov/niosh
- U.E. www.europa.eu/index_it.htm
- I.A.R.C. www.iarc.fr
- N.T.P. www.ntp.niehs.nih.gov

15,5 European Community Directives:

67/548/EEC: Classification, packaging and labelling of dangerous substances.

99/45/EC: Directive concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

2001/58/EC: Second amendment of directive 91/155/EEC for the definition of a detailed arrangement of specific information relating to dangerous preparations (art. 14 of 99/45/EC) and substances (art. 27 of 67/548/EEC).

89/656/EEC: Directive on the minimum health and safety requirements for the use by workers of personal protective equipment at the workplace (third individual directive within the meaning of Article 16 (1) of Directive 89/391/EEC).

89/686/EEC: Approximation of the laws of the Member States relating to personal protective equipment.

94/9/EC: Approximation of the laws of the Member States concerning equipment and protective at work.

98/24/EC: Commission Directive 2008/58/EC of 21 August 2008 amending, for the purpose of its adaptation to technical progress, for the 30th time, Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

April, 14th 2009: First version in compliance of Community Regulation 2006/1907/EC (R.E.A.Ch.)