



SAFETY DATA SHEET

DIE SPACER THINNER

1. PRODUCT AND COMPANY IDENTIFICATION

Date Revised: September 2017

PRODUCT DESCRIPTION: Die Spacer Thinner

MANUFACTURER

Dental Ventures of America, Inc.
1787 Pomona Rd., Suite C
Corona, 92880, CA.

Emergency Contact: Infotrack 800.535.5053

Emergency Phone: 951.270.0606

Alternative Emergency Phone: 800.228.6696

USE OR APPLICATION: Added to another product to make it more liquid

2. HAZARD(S) IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2
Narcotic Effects, Category 3

Physical:

Flammable Liquids, Category 2

SIGNAL WORD

Danger

GHS LABEL ELEMENTS



HAZARD STATEMENTS

H226: Flammable liquid and vapor.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS

P210: Keep away from heat/sparks/open flames hot surfaces - no smoking.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P233: Keep container tightly closed.
240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray. P264: Wash skin and hands thoroughly after handling.
Response: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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2. HAZARD(S) IDENTIFICATION (Continued)

P312: Call POISON CENTER or doctor/physician if you feel unwell.

P264: Wash skin and hands thoroughly after handling.

P303+P361+P353: If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing.

STORAGE:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

DISPOSAL:

79441501: Dispose of in a manner consistent with federal, state and local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, colorless liquid.

IMMEDIATE CONCERNS: R/36/37/38: Irritating to eyes, respiratory system and skin.

POTENTIAL HEALTH EFFECTS

EYES: Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

SKIN: Prolonged or repeated contact may cause skin irritation.

INGESTION: Ingestion may cause headache, dizziness, fatigue and CNS depression.

INHALATION: May cause headaches and dizziness.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing eye and skin disorders or lung allergies may be aggravated by exposure.

ROUTES OF ENTRY: Inhalation or direct contact with skin or eyes.

IRRITANCY: Irritating to eyes, respiratory system and skin.

SENSITIZATION: May cause allergic skin reaction.

HEALTH HAZARDS: Danger of cumulative effects.

PHYSICAL HAZARDS: Flammable liquid and vapor. Harmful if swallowed or inhaled. Causes irritation to skin, eyes and respiratory tract. Affects CNS.

3. COMPOSITION /INFORMATION ON INGREDIENTS

Under GHS-OSHA 4.11 the precise composition of this product is withheld as confidential business information (CBI). A more complete disclosure can be provided to a health, or safety professional when necessary.

SUBSTANCES or MIXTURE

Mixture

NO. COMPONENT	CAS.NO	WL%
Methyl ethyl ketone (MEK)	78-93-3	100



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4. FIRST-AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with soap and water. Get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: If swallowed, do not induce vomiting. Do not give anything to drink. Obtain immediate medical attention.

SIGNS AND SYMPTOMS OF OVER EXPOSURE:

EYES: Causes eye irritation.

SKIN: Causes irritation to skin.

INGESTION: Gastrointestinal tract irritation and depression of the CNS.

INHALATION: Signs and symptoms of excessive exposure may be CNS effects such as sleepiness and unconsciousness.

ACUTE TOXICITY: R36/37: Irritating to eyes and respiratory system.

CHRONIC EFFECTS: None expected.

5. FIRE-FIGHTING MEASURES

GENERAL HAZARD: Flammable liquid and vapor.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this materials.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved equivalent) and full protective gear.

FIRE FIGHTING PROCEDURES: Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible by-products of carbon monoxide/dioxide. **COMMENTS:** Exposure to heat above 200C (392F) may release Methyl Methacrylate monomer (CAS 80-62-6). (OSHA PEL, ACGIH TLV = 100ppm).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

LARGE SPILL: Remove all sources of ignition. Use spark-proof tools. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

ENVIRONMENTAL PRECAUTIONS: WATER SPILL:

Contain spill with dike to prevent entry into sewers. Absorb liquid and place in sealed container for disposal.

GENERAL PROCEDURES: Remove all sources of ignition. Use spark-proof tools.



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7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid contact with eyes, skin and clothing.

HANDLING: Use with sufficient ventilation to keep employee exposure below recommended limits.

Provide adequate ventilation for storage, handling and use, especially for enclosed or low spaces. Avoid contact of liquid with eyes and prolonged skin exposure. Do not allow product to contact open flame or electrical heating elements because dangerous decomposition products may form.

STORAGE: Store in cool place in original container and protect from sunlight. Keep away from sources of ignition.

STORAGE TEMPERATURE:

Avoid temperatures exceeding 100F/38C and incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: Nitrile rubber and PVC are not suitable protective materials; Neoprene is recommended.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organ vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

WORK HYGIENIC PRACTICES: Wash with soap and water. Get medical attention if irritation develops or persists.

OTHER USE PRECAUTIONS: Clothing: S24 Avoid contact with skin and clothing. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild ketone odor.

APPEARANCE: Clear, colorless liquid

FLASH POINT AND METHOD: -4C (25F) TAG CC

FLAMMABLE LIMITS: 2.6% to 12.8%

VAPOR PRESSURE: 83mmHg at 24C (75F)

BOILING POINT: 79C (175F)

SOLUBILITY IN WATER: Moderate

EVAPORATION RATE: 6.0 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 0.86 (water=1)

Page 4 (VOC): 860.000 g/L



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TRAY SPRAY

12. ECOLOGICAL INFORMATION

EXOTOXICITY EFFECTS:

AQUATIC TOXICITY: No data is available on the product itself.

TOXICITY TO OTHER ORGANISMS: No data is available on the product itself.

PERSISTENCE AND DEGRADABILITY:

MOBILITY: No data is available on the product itself.

BIOACCUMULATION: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of waste in accordance with all federal, state and local regulations.

CONTAINER DISPOSAL METHOD: Since emptied containers retain product residue, all labeled hazard precautions must be observed. Consult with federal, state and local authorities for definitions of 'empty' and proper disposal practices.

SPECIAL PRECAUTIONS: Please refer to Section 8 for Exposure Controls/Personal Protection.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR) & International Air Transportation (ICAO/IATA)

UN Number:	UN1866	
UN Proper Shipping Name:	Resin solution	Contains: Naphtha, light aliphatic
Transport Hazard Class:	3	
Packing Group Number:	II	
Guidance on bulk transportation:	Unknown	
Special Precautions:	Unknown	

Water Transportation (IMO/IMDG)

UN Number:	UN1866	
Proper Shipping Name:	Resin Solution	Contains: Naphtha, light aliphatic
Hazard Class:	3	
Packaging Group:	II	
Marine Pollutant:	Yes	

15. REGULATORY INFORMATION

A. Cal Safe Drinking Water & Toxic Enforcement Act of 1986

Chemical Name	Cas.No.	Cancer/Repro. Tox	Quantity
Ethyl Benzene	100-41-4	Yes No	< 0.5%
Naphthalene	91-20-3	Yes No	< 0.1%
Benzene	71-43-2	Yes Yes	< 0.9%
Toluene	108-88-3	No Yes	< 0.0003%

This product may contain traces of other Prop. 65 listed chemicals as impurities. However, any used as ingredients are listed above.

B. CERCLA - 40 CFR 302.4

Releases exceeding the reportable quantity (RQ) must be reported to the national response center, (800) 424 8802. RQ for this product is 9.434 lbs. when based on its' (CAS 64742-49-0) content. (CAS 64742-49-0) can also be classified as an 'oil' and so releases may fall under the CERCLA petroleum exclusion and not reportable.

C. RCRA - 40 CFR 261.33

Product is a D001 ignitable liquid waste. The BDAT is incineration, fuels substitution or recover. No. 2 and No. 3 are RCRAU056 Hazardous waste.

D. SARA TITLE III- CFR 13378, CFR 21152

NO. RQ (lbs.) (*1)	TPQ (lbs.) (*2)	SEC. 313 (*3)	313 CAT. (*4)	311/312 (*5)
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*1 = Reportable quantity of extremely hazardous substance, Sec. 302

*2 = Threshold planning quantity, extremely hazardous substance, Sec. 302

*3 = Toxic chemical Sec. 313 (individual chemical listed)

*4 = Toxic release inventory form category Sec. 313 (40 CFR 372.63 C)

*5 = Hazard category for SARA Sec. 311/312 reporting

H1 = Immediate (acute) health hazard

H2 = Delayed (chronic) health hazard

P3 = Fire hazard P4 = Sudden pressure release hazard P5 = Reactive Hazard

E. VOC - SCAQMD RULES

No.	Chemical	Quantity	VP mm Hg	gms./l.@20 C
1	Napthta, light aliphatic	<89%	125	623
4	Stoddard Solvent	<2.5%	2	20
6	Xylene	<1.0%	5.1	9

F. INTERNATIONAL CHEMICAL INVENTORY STATUS:

EINECS-EU Listed, Exempted, Polymer substance, or as no longer polymer.

AICS-AUSTRALIA, ENCS-JAPAN, KECI/ECL-KOREA, IECSC/SEPA-CHINA, PICCS-PHILIPPINES,

DSL-CANADA, TSCA - USA: All components are listed or exempted.

G. WHMIS (CANADA)

WHMIS: D2B Materials causing other toxic effects - toxic material

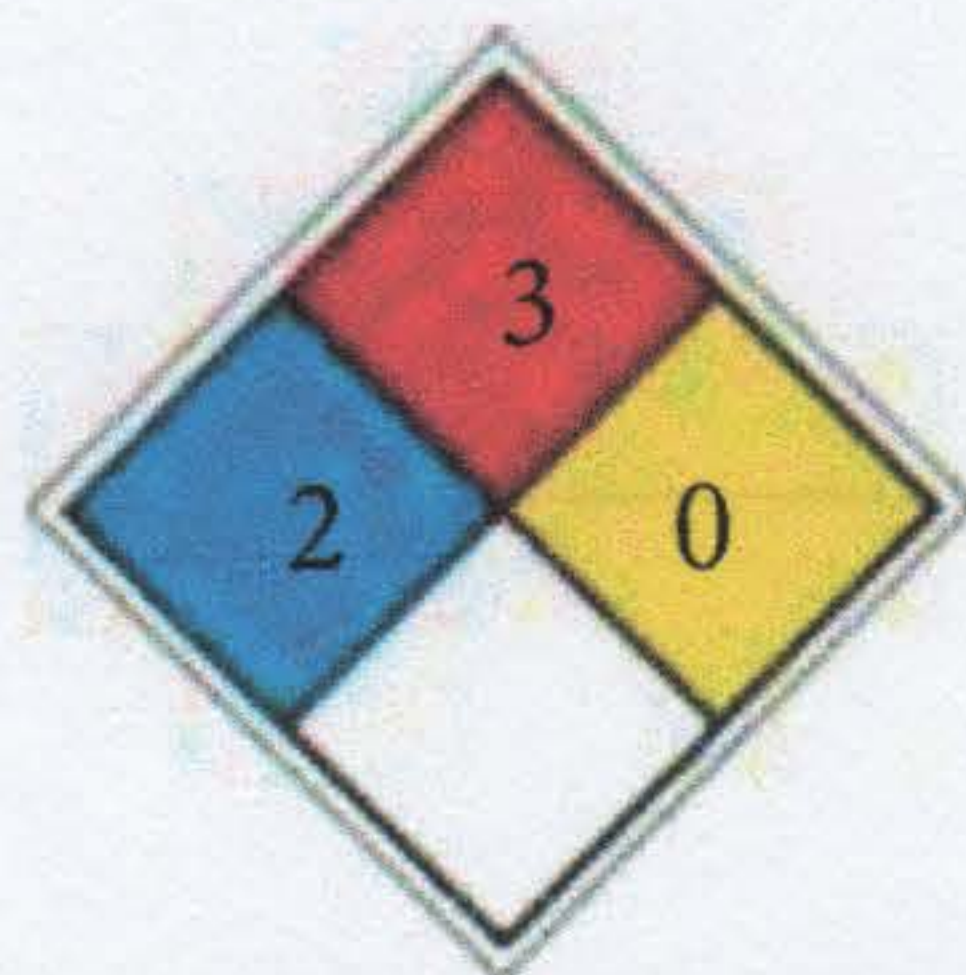
WHIMS: B2 Flammable Liquids - Flash point of <37.8 C (100F)

16. OTHER INFORMATION

HMIS RATING:

HMIS III CODES:

Health: 2
Flammability: 3
Reactivity: 0



RATINGS:

0 = Minimal
2 = Slight
3 = Serious
4 = Severe

Personal protection rating to be supplied by user depending on conditions of use.

DATE PREPARED:

September 2017

SUPERSEDES:

MSDS NOVEMBER, 2014

MANUFACTURER DISCLAIMER:

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