SECTION 1: IDENTIFICATION

PRODUCT NAME:	COPALINER Cavity Varnish and Sealant
PRODUCT CODES:	0921525, 0921526, 0921527
IDENTIFIED USES:	Dentistry
USES ADVISED AGAINST:	Non-dental use
MANUFACTURER:	Harry J. Bosworth Company
ADDRESS:	7227 North Hamlin Avenue, Skokie, Illinois 60076-3999, USA
TELEPHONE:	847-679-3400
FAX:	847-679-2080
EMAIL:	hjbinfo@bosworth.com
EMERGENCY PHONE:	800-535-5053 (US and Canada) 352-323-3500 (International)

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION:
Flammable liquids (Category 2)
Acute toxicity, Oral (Category 4)
Eye irritation (Category 2A)
Specific target organ toxicity - single exposure (Category 3), Central nervous system

LABELING: FDA regulated device - exempt from Regulation (US) 29 CFR 1910.1200.

PICTOGRAM:



SIGNAL WORD: Danger

HAZARD STATEMENTS:	H225	Highly flammable liquid and vapor.
	H302	Harmful if swallowed.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.
PRECAUTIONARY STATEMENTS:	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P234	Keep only in original container.
	P235+P410	Keep cool. Protect from sunlight.
	P240	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 thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	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 victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P312	Call a POISON CENTER or doctor/ physician if you feel unwell.
	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P337+P313	If eye irritation persists: Get medical advice/attention.
	P342+P313	If experiencing respiratory symptoms: Get medical advice/attention.
	P370+P378	In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.
	P391	Collect spillage.
	P402	Store in a dry place.
	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P501	Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	%WT	OSHA PEL - TWA	ACGIH TLV - TWA	CLASSIFICATION

~Verified on 2014-09 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-09. ~

Diethyl Ether	60-29-7	40-50	400 ppm	400 ppm	Flam. Liq. 1; Acute Tox. 4; STOT SE 3; H224, H302, H336
2-Propanol	67-63-0	40-50	400 ppm	200 ppm	Flam. Liq. 2; Eye Irrit. 2A; STOT SE 3; H225, H319, H336
Ethanol	64-17-5	1-5	1000 ppm	1000 ppm	Flam. Liq. 2; H225

For full text of H-statements mentioned in this section, see section 16.

SECTION 4: FIRST-AID MEASURES

INHALATION: Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
SKIN: Wash off with soap and plenty of water. Consult a physician.
EYE: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.
SPECIAL HAZARDS: Vapors are heavier than air and may travel to ignition source.
ADVICE FOR FIREFIGHTERS: Fight fires from safe distance or protected areas. Cool containers of material exposed to heat with cold water spray. Wear self contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
CONTAINMENT AND CLEANUP: Soak up with inert absorbent material and collect with an electrically protected vacuum cleaner or by wet-brushing. Place in suitable, closed container for disposal according to official regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Product is intended for dental use only. Handling of this product should be by trained dental healthcare professionals only. Observe normal care for working with chemicals. Avoid contact with the eyes and skin. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Keep away from foodstuffs, beverages and animal feed.
CONDITIONS FOR SAFE STORAGE: Store only in the original package. Keep container tightly sealed in a dry and well-ventilated place. Protect from heat and direct sunlight. Store away from food and beverages.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Handle in accordance with good industrial hygiene and safety practice. Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits. Local exhaust ventilation is preferred since it prevents contamination dispersion into the work area by controlling it at its source. Provide eyewash and safety shower if contact or splash hazard exists. Wash hands before breaks and at the end of work.
EYE/FACE PROTECTION: Safety glasses.
SKIN PROTECTION: Glove material impermeable and resistant to the product.
BODY PROTECTION: Protective work clothing.
RESPIRATORY PROTECTION: NIOSH (US) or CEN (EU) approved respirators and components.
ENVIRONMENTAL EXPOSURE: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/COLOR: Clear, colorless to straw yellow liquid
ODOR: Sweet
INITIAL BOILING POINT: 114.8°F (46°C)
FLASH POINT: -40°F (-40°C) (*diethyl ether*)
EVAPORATION RATE (BuAc = 1.0): 37.5 (*diethyl ether*)
UPPER FLAMMABILITY LIMIT: 48 (*diethyl ether*)
LOWER FLAMMABILITY LIMIT: 1.8 (*diethyl ether*)

VAPOR PRESSURE: 422 mmHg at 68°F (20°C) (*diethyl ether*)
VAPOR DENSITY (AIR=1.0): 2.56 (*diethyl ether*)
RELATIVE DENSITY (H2O=1.0): 0.77 g/cm^3
WATER SOLUBILITY: Slightly soluble

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under recommended storage conditions.
HAZARDOUS REACTIONS: Vapors may form explosive mixture with air.
CONDITIONS TO AVOID: Heat, flames, sparks. Extremes of temperature and direct sunlight.
INCOMPATIBLE MATERIALS: Oxidizing agents, acid anhydrides, aluminum, halogenated compounds, acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS:
EYES: May cause eye irritation with redness, tearing and stinging. Prolonged exposure to high concentration of vapor can cause eye damage.
SKIN: May cause skin irritation with redness, swelling and itching. Repeated or prolonged contact may cause drying, defatting of the skin and dermatitis.
INGESTION: May cause mucous membrane and gastrointestinal irritation with nausea, vomiting and diarrhea. May cause nervous system depression with symptoms of headache, dizziness, nausea, vomiting, weakness, fatigue, confusion, and unconsciousness. Ingestion of one or two ounces may be fatal.
INHALATION: May cause mucous membrane and respiratory irritation and central nervous system depression with symptoms of headache, dizziness, drowsiness, nausea, vomiting, and unconsciousness. High vapor concentrations may cause burning sensation of the nose and throat and watering of the eyes.

CARCINOGENICITY:
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or possible carcinogen by OSHA.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
IARC: 2-Propanol is identified as not classifiable as to its carcinogenicity to humans by IARC.

SECTION 12: ECOLOGICAL INFORMATION

ADVERSE EFFECTS: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT: Contact a licensed professional waste disposal service to dispose of this material. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

CONTAMINATED PACKAGING: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: UN1993
PROPER SHIPPING NAME: Flammable liquid, n.o.s. (contains Diethyl Ether and Isopropyl Alcohol)
HAZARD CLASS: 3
PACKING GROUP: II
LABEL STATEMENT: Flammable Liquid

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA: This product is an FDA regulated device and not subject to TSCA regulations.
CERCLA: This product is an FDA regulated device and not subject to reporting requirements. There may be specific reporting requirements at the local, regional, or state level.
SARA 313 TOXIC CHEMICALS: The following components are subject to reporting levels established by SARA Title III, Section 313 (40 CFR 372): *2-Propanol, CAS NO. 67-63-0.*

SARA 311/312 HAZARDS: This product is an FDA regulated device and not subject to reporting requirements.

US STATE REGULATIONS

CALIFORNIA PROPOSITION 65: This product may contain a chemical known to the State of California to cause cancer and/or reproductive toxicity.

INTERNATIONAL REGULATIONS

CANADIAN ENVIRONMENTAL PROTECTION ACT: This product is a medical device and not subject to chemical notification requirements.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): This product is a medical device and not subject to chemical notification requirements.

SECTION 16: OTHER INFORMATION

FULL TEXT OF H STATEMENTS REFERRED TO UNDER SECTION 3

Acute Tox.	**Acute toxicity**
Eye Irrit.	**Eye irritation**
Flam. Liq.	**Flammable liquids**
H224	**Extremely flammable liquid and vapor.**
H225	**Highly flammable liquid and vapor.**
H302	**Harmful if swallowed.**
H319	**Causes serious eye irritation.**
H336	**May cause drowsiness or dizziness.**
STOT SE	**Specific target organ toxicity – single exposure**

NFPA RATING

Health Hazard	2
Fire Hazard	4
Reactivity Hazard	1

PREPARATION INFORMATION: This SDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, The Harry J. Bosworth Company does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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