

Identity (As Used on Label and List): COPALITE® DENTAL CAVITY VARNISH	Manufacturer's Product: 4000-02 Revised MSDS: Sept. 23, 2008
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SECTION I - PRODUCT IDENTIFICATION AND USE

Manufacturer's Name: COOLEY & COOLEY, LTD.	Information Telephone Number: 281-897-0009
Address (Number, Street, City, State Zip Code, and Country): 8550 WESTLAND WEST BLVD. HOUSTON, TX 77041 U.S.A.	Emergency Telephone Number: 1-800-535-5053 (USA) (INFOTRAC) 1-352-323-3500 (International) (FOR CHEMICAL EMERGENCY ONLY)

SECTION II

Hazardous Components (Specific Chemical Identity: Common Name(s): *Blended Ingredients:	CAS#	OSHA PEL	ACGIH TLV	WHMIS	%
ETHYL ETHER ANYDROUS 7	60-29-	400PPM	400PPM	Class B	
CHLOROFORM 3	67-66-	50PPM	50PPM	Class D/Div.1	
FLAMMABLE LIQUIDS N.O.S., Class #3, Packing Group II, UN#1993 Health: 2-Hazardous					
Specific Hazard: Blank Fire: 4-Store below 73°F Reactivity: 1-Unstable if heated					
Solvent: COPALITE® SOLVENT/THINNER					

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Specific Gravity (H2O-1):
34°C ± 4°C	1-1.474 – 1.478
Vapor Pressure (mm Hg.):	Melting Point:
760MM	N/A LIQUID FORM
Vapor Density (Air=1):	Evaporation Rate:
25% 1.471	(BUTYL ACETATE=1) 2.2
Solubility in Water:	Appearance and Odor:
INSOLUBLE	AMBER COLOR; SWEET ODOR

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used):	Flammable Limits:	LEL	UEL	
75°F x 5°F ASTM TAG OPEN CUP(32° C)		65°F	75°F	
Extinguishing Media:				
FIRE EXTINGUISHER A, B & C CLASSIFICATION				
Special Fire Fighting Procedures:				
PUT ON GAS MASK. AIM THE FIRE EXTINGUISHER AT THE BASE OF THE FLAME.				
Unusual Fire and Explosion Hazards:				
ETHER IS VOLATILE. CO₂ AND CO ARE GASES PRODUCED DURING A HIGH HEAT FIRE. GAS MASK AND FIRE EXTINGUISHER ARE NECESSARY TO PUT OUT FIRE.				

SECTION V – REACTIVITY DATA

Stability:	Unstable:	Conditions to Avoid:
	ABOVE 75°F	AVOID EXCESSIVE EXPOSURE TO HIGH HEAT/FLAMES.
	Stable:	
	65°F	

Incompatibility (Materials to Avoid):

WATER

Hazardous Decomposition or Byproducts:

CHLOROFORM

Hazardous Polymerization:	May Occur:	Will Not Occur:	Conditions to Avoid:
	X	X	MELTS SOFT PLASTIC MATERIAL. WILL NOT MELT OR SOFTEN HARDER GRADE PLASTICS

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	X	X
Health Hazards (Acute & Chronic):			
INHALATION: ACUTE DIFFICULTY IN BREATHING, CHRONIC LUNG DISEASE PERSONS SHOULD LIMIT EXPOSURE.			
SKIN: ACUTE – CLEAN AREA WITH ISOPROPYL ALCOHOL; CHRONIC – UNKNOWN.			
INGESTION: INDUCE VOMITING WITH IPECAC SYRUP ACCORDING TO DIRECTIONS.			
Carcinogenicity :	NTP?	IARC Monographs?	OSHA Regulated?
			YES
Signs and Symptoms of Exposure:			
CHLOROFORM IS A KNOWN CARCINOGEN TO LABORATORY RATS IN EXTREME CASES.			
Signs and Symptoms of Exposure:			
DIFFICULTY IN BREATHING, TIGHTNESS IN CHEST DUE TO CONSTRICTION OF BRONCHIOLES.			
Medical Conditions Generally Aggravated by Exposure:			
DISEASES OF THE LUNGS, EMPHYSEMA, ASTHMA, TUBERCULOSIS, PNEUMONIA, PLEURASY.			
Emergency and First Aid Procedures:			
VENTILATE AREA. MOVE PERSON(S) TO FRESH AIR.			
EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES, OR USE EYEWASH, AND CALL AN OPHTHALMOLOGIST.			

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material is Released or Spilled:
SPILLS: VENTILATE AREA, CLEAN AREA UP WITH ISOPROPYL ALCOHOL.
RELEASE OF FUMES: REMOVE ALL PERSONS, VENTILATE AREA UNTIL AROMA DISSIPATES.
Waste Disposal Method:
DISPOSE AS HAZARDOUS MATERIAL, BY INCINERATION ACCORDING TO OSHA REGULATIONS.
Precautions To Be Taken In Handling and Storing:
DUE TO EVAPORATION, KEEP BOTTLE TIGHTLY CAPPED WHEN NOT IN USE.
CLEAN EXCESS FROM INSTRUMENTS WITH ALCOHOL; STORE IN A COOL, DRY PLACE.
Other Precautions:
THIS PRODUCT IS FOR PROFESSIONAL USE ONLY AS STATED IN THE DIRECTIONS.
IT IS THE RESPONSIBILITY OF THE DENTIST TO TRAIN HIS AUXILIARY PERSONNEL IN THE SAFE USE, STORAGE AND FIRST AID PROCEDURES.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type):	
RESPIRATOR OR MASK USED FOR PROTECTION AGAINST ORGANIC VAPORS.	
Ventilation :	Local Exhaust:
	OPEN WINDOWS, EXHAUST FANS
Mechanical (General):	Other:
	VENT HOODS (INDUSTRIAL TYPE)
Protective Gloves :	Eye Protection:
LATEX	SAFETY GLASSES/GOGGLES
Other Protective Clothing or Equipment:	
LAB COAT	

Work/Hygienic Practices:

MAINTAIN ASEPSIS WHILE USING COPALITE®. USE A STERILE APPLICATOR AND COTTON FOR SECOND APPLICATION.