Manufacturer's Product: identity (As Used on Label and List): COPALITE DENTAL CAVITY VARNISH 4000-01 SECTION I - PRODUCT IDENTIFICATION AND USE Information Telephone Number: Manufacturer's Name 713-897-0009 COOLEY & COOLEY, LTD. Emergency Telephone Number: Address (Number, Street, City, State Zip Code, and Country): 1-800-535-5053 (USA) (INFOTRAC) 8550 WESTLAND WEST BLVD. HOUSTON, TX 77041 1-352-323-3500 (International) (FOR CHEMICAL EMERGENCY ONLY) U.S.A. SECTION II Hazardous Components OSHA PEL ACGIH TLV Other % (Specific Chemical Identity: Common Name(s): Blended Ingredients: 400PPM ETHYL ETHER ANYDROUS 400PPM 50PPM 50PPM CHLOROFORM FLAMMABLE LIQUIDS N.O.S. CLASS #3 UN #1993 Solvent COPALITE® SOLVENT/THINNER SECTION !!! - PHYSICAL/CHEMICAL CHARACTERISTICS **Boiling Point** Specific Gravity (H20-1): 1-1.474 - 1.47862.83°C ± 4°C Melting Point Vapor Pressure (mm Hg.): N/A LIQUID FORM 760MM Evaporation Rate: Vapor Density (Air=1): (BUTYL ACETATE=1) 2.2 25% 1.471 Solubility in Water: Appearance and Odor: AMBER COLOR, SWEET ODOR INSOLUBLE SECTION IV - FIRE AND EXPLOSION HAZARD DATA UEL LEL Flash Point (Method used): Flammable Limits: 75°F 65°F 75°F x 5°F ASTM TAG OPEN CUP 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: AVOID EXCESSIVE EXPOSURE TO HIGH HEAT/FLAMES. ABOVE 75°F Stable 65°F Incompatibility (Materials to Avoid): WATER Hazardous Decomposition or Byproducts: CHLOROFORM Hazardous Polymerization: May Occur: Will Not Occur: Conditions to Avoid: MELTS SOFT PLASTIC MATERIAL. WILL NOT Х Х MELT OR SOFTEN HARDER GRADE

Elevision 1, Revision Date: 1/6/1999

PLASTICS

SECTION VI - HEALT	H HAZARD DATA				
Route(s) of Entry:	Inhalation?		Skin? X		Ingestion?
	ITE DIFFICULTY IN E	BREATHING	, CHRONIC	LUNG DISEASI	E PERSONS
SHOULD LIMIT EX		000000		UDONIO UNI	CNICIAINI
	EAN AREA WITH IS				
Carcinogenicity:	CE VOMITING WITH		RC Monograp <u>hs</u> ?	OSH . OSH	HA Regulated?
Signs and Symptoms of Exposure:		. 1		l	YES
CHLOROFORM IS Signs and Symptoms of Exposure:	A KNOWN CARCINO	GEN TO LA	BORATORY	RATS IN EXTE	REME CASES.
	REATHING, TIGHTNE	SS IN CHE	ST DUE TO	CONSTRICTIO	N OF
Medical Conditions Generally Agg	ravated by Exposure:				
DISEASES OF THE	E LUNGS, EMPHYSEI	MA, ASTHM	IA, TUBERCI	JLOSIS, PHUE	MONIA,
Emergency and First Aid Procedur					
	. MOVE PERSON(S)			=	
EYE CONTACT: F AN OPTHALMOLO	LUSH WITH WATER I GIST.	FOR 15 MIN	IUTES, OR L	JSE EYEWASH	, AND CALL
SECTION VII- PRECAUT	IONS FOR SAFE HAI	NDLING AN	D USE		
Steps To Be Taken in Case Mater				بميرممييي	
					OMA
DISSIPATES.	IES: REMOVE ALL PE	ERSONS, V	ENTILATEA	REA UNITE AR	OWA
Waste Disposal Method:	ARDOUS MATERIAL,	DV INCINE	DATION AC	CORDING TO (AH2
REGULATIONS.	ARDOUS MATERIAL,	BT INCINE	KATION AC	CONDING TO	JOHA
Precautions To Be Taken in Handi	ing and Storing				
	ATION, KEEP BOTTLI	E TIGHTLY	CAPPED WI	HEN NOT IN US	SE.
	ROM INSTRUMENTS				
	FOR PROFESSION	AL USE ON	LY AS STAT	ED IN THE DIR	RECTIONS.
	NSIBILITY OF THE D				
	TORAGE AND FIRST				
SECTION VIII-CONTROL	. MEASURES				
Respiratory Protection (Specify Ty					
	MASK USED FOR PR	ROTECTION			DRS.
Ventilation : Local Exhaust	: EN WINDOWS, EXHA	HST FANS	Sp	ecial: EXIT ARE	Δ
Mechanical (G		03117113	Ot	her:	^
VÈI	NT HÓODS (INDUSTR	HAL TYPE)			
Protective Gloves: LATEX	·	Eye Prote		ASSES/GOGGL	_ES
Other Protective Clothing or Equip	oment:	•			
Work/Hygienic Practices:				. = . = = - = -	
MAINTAIN ASEPS	IS WHILE USING CO	PALITE" U	ISE A STERI	LE APPLICATO	JK AND

COTTON FOR SECOND APPLICATION.

dentity (As Used on Label and List); Manufacturer's Product: COPALITE SOLVENT/THINNER 4000-03 SECTION I - PRODUCT IDENTIFICATION AND USE Manufacturer's Name: Information Telephone Number: COOLEY & COOLEY, LTD. 713-897-0009 Address (Number, Street, City, State Zip Code, and Country) Emergency Telephone Number. 1-800-535-5053 (USA) (INFOTRAC) 8550 WESTLAND WEST BLVD. HOUSTON, TX 77041 1-352-323-3500 (International) U.S.A. (FOR CHEMICAL EMERGENCY ONLY) SECTION II Hazardous Components Other % OSHA PEL ACGIH TLV Specific Chemical Identity: Common Name(s): BLENDED INGREDIENTS: ETHYL ETHER ANYDROUS **500PPM** 400PPM CHLOROFORM 50PPM 50PPM FLAMMABLE LIQUIDS N.O.S. CLASS #3 UN #1993 SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS Soiling Point: Specific Gravity (H20-1): 62.83° ± 4°C 1-1.474 - 1.478Vapor 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 CLEAR COLOR: SWEET ODOR SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used):

75°F ± 5°F ASTM TAG OPEN CUP

Extinguishing Media:

Flammable Limits

LEL

75°F

75°F

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:

ABOVE 75°F

Conditions to Avoid:

AVOID EXCESSIVE EXPOSURE TO HIGH HEAT/FLAMES.

_Stable: 65°F

Incompatibility (Materials to Avoid):

WATER

Hazardous Decomposition or Byproducts:

CHLOROFORM

mazardous Polymerization

May Occur X

Conditions to Avoid:

MELTS SOFT PLASTIC MATERIAL. WILL NOT MELT OR SOFTEN HARDER GRADE

PLASTICS.

X Will Not Occur X

Emilian Remaios Devi traction

SECTION VI - HEALT	TH HAZARD DATA		
Route(s) of Entry:	inhalation?	Skin?	Ingestion?
SHOULD LIMIT EX	: UTE DIFFICULTY IN BRE	ATHING, CHRONIC LUN	G DISEASE PERSONS
Carcinogenicity: N/A CHLOROFORM IS	JCE VOMITING WITH IPE N/A N/A S A KNOWN CARCINOGE	IARC Monographs?	OSHA Regulated? YES
Signs and Symptoms of Exposure DIFFICULTY IN B BRONCHIOLES. Medical Conditions Generally Agg	REATHING, TIGHTNESS	IN CHEST DUE TO CON	STRICTION OF
	E LUNGS, EMPHYSEMA,	ASTHMA, TUBERCULOS	SIS, PHUEMONIA,
	A. MOVE PERSON(S) TO LUSH WITH WATER FOR		EYEWASH, AND CALL
	TIONS FOR SAFE HANDL	ING AND USE	
UP WITH ISOPRO	TE AREA, EXIT ALL PER		SSIPATES. CLEAN AREA
Waste Disposal Method: DISPOSE AS HAZ REGULATIONS.	ZARDOUS MATERIAL, BY	INCINERATION ACCOR	DING TO OSHA
Precautions To Be Taken In Hand DUE TO EVAPOR A COOL, DRY PL Other Precautions:	ATION, KEEP BOTTLE T	IGHTLY CAPPED WHEN	NOT IN USE. STORE IN
IS THE RESPONS	S FOR PROFESSIONAL (SIBILITY OF THE DENTIS STORAGE AND FIRST AI	T TO TRAIN HIS AUXILI	ARY PERSONNEL IN
SECTION VIII-CONTRO			
Respiratory Protection (Specify 1) RESPIRATOR OR Ventriation Local Exhaust:	Type): MASK USED FOR PROT	ECTION AGAINST ORGA	ANIC VAPORS.
OPEN Mechanical (Ger	N WINDOWS, EXHAUST F neral): THOODS (INDUSTRIAL T	FANS EXIT AREA	A
Protective Gloves:		Eve Protection:	

Work/Hygienic Practices:

MAINTAIN ASEPSIS. DO NOT PLACE CONTAMINATED INSTRUMENTS INTO BOTTLE OF

SAFETY GLASSES/GOGGLES

imnoo TReenooDise Dist1999

LATEX

Other Protective Clothing or Equipment: LAB COAT

SOLVENT.

						
Identity (As Used on Label and List):		Manufacturer's Product:				
COPALITE® SOLVENT/THINNER	4000-03 Revised MSDS: Sept. 19, 2000					
SECTION I - PRODUCT IDENTI	EICATION AND U	e E				
الترجب المنزلة والمراجع المرزوق والبادار والمناصر والمناط والمناط والمناط والمناط والمناط والمناط والمناط والم	FICATION AND U				11 - 14 - 15 - 15 - 15 - 15 - 15 - 15 -	
Manufacturer's Name:	· · · · · · · · · · · · · · · · · · ·	Information Tele			······································	
COOLEY & COOLEY, LTD.		281-897-0009 Emergency Telephone Number:				
Address (Number, Street, City, State Zip Co	ode, and Country):			JSA) (INFOT	DAC)	
8550 WESTLAND WEST	BLAD.					
HOUSTON, TX 77041			1-352-323-3500 (International)			
U.S.A.		(FOR	CHEMICAL	EMERGENC	(ONLY)	
SECTION II	1					
	77°	00114 551	100111711	14/14/16	0.4	
Hazardous Components (Specific Chemical Identity: Common Name(s): CAS#	OSHA PEL	ACGIH TLV	WHMIS	%	
BLENDED INGREDIENTS:	3). 0/10 #	 				
the state of the s		100000	COORDIA	01 7		
ETHYL ETHER ANYDROUS	60-29-7	400PPM	500PPM	Class B	·	
CHLOROFORM	67-66-3	50PPM	50PPM	Class	•	
				D/Div.1		
FLAMMABLE LIQUIDS N.	O.S. , CLASS #3,	Packing Gro	up II, UN #19	93 Health: 2	-Hazardous	
Specific Hazard: Blank,	Fire: 4-Store	below 73 F	Reactivity	r: 1-Unstable	if heated	
SECTION III - PHYSICAL/CHE	MICAL CHARACT	ERISTICS				
Boiling Point:		Specific Gravity	(H20-1):			
62.83° ± 4°C		1-1 4	74 - 1.478			
Vapor Pressure (mm Hg.):		Melting Point:	74 - 1.470			
760MM						
Vapor Density (Air=1):	N/A LIQUID FORM			· · · · · · · · · · · · · · · · · · ·		
25% 1.471		Evaporation Rate: (BUTYL ACETATE=1) 2.2				
Solubility in Water:	· · · · · · · · · · · · · · · · · · ·	Appearance and Odor:				
INSOLUBLE		CLEAR COLOR; SWEET ODOR				
SECTION IV - FIRE AND EXPL	OSION HAZARD I					
	USION HAZARD I	الأبيضورا فالبالا البروان والماسوران				
Flash Point (Method used):		Flammable Li			UEL	
75°F ± 5°F ASTM TAG OF	PEN CUP]	65	°F	75°F	
Extinguishing Media:						
FIRE EXTINGUISHER A,	B & C CLASSIFIC	AHON				
Special Fire Fighting Procedures:		0.1101150 15				
PUT ON GAS MASK. AIM	THE FIRE EXTIN	GUISHER AT	THE BASE	OF THE FLAT	/IE.	
Unusual Fire and Explosion Hazards:	0.400.00.405.0	1050 0000	UOED BUDIA		- 1 1 - 1	
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 DAT	Α					
Stability: Unstable:	Conditions to Avo	id:				
ABOVE 75°F AVOID EXCESSIVE EXPOSURE TO HIGH HEAT/FLAMES.						
Stable:						
65°F						
Incompatibility (Materials to Avoid):						
WATER						
WAIEK Hazardous Decomposition or Byproducts:						
CHLOROFORM						
	May Occur:	Conditions to Avoi	d:	· · · · · · · · · · · · · · · · · · ·		
	X	MELTS SOFT PLASTIC MATERIAL, WILL			AL W/III	
 	ill Not Occur:					
}	NOT MELT OR SOFTEN HARDER GRADE PLASTICS.					
	X	PLAGI	100.			

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29 CFR 1910.1200					
SECTION VI - HEALT	H HAZARD DATA				
Route(s) of Entry:	Inhalation?	Skin?	ingestion?		
	X	X	X		
Health Hazards (Acute & Chronic					
INHALATION: ACT		EATHING, CHRONIC LUNG	DISEASE PERSONS		
) — — — — — — — — — — — — — — — — — — —		ROPYL ALCOHOL; CHRON	IIC - UNKNOWN		
) — — — — — — — — — — — — — — — — — — —		ECAC SYRUP ACCORDING			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?		
N/A	N/A	N/A	YES		
		N TO LABORATORY RATE			
Signs and Symptoms of Exposure					
BRONCHIOLES.	DIFFICULTY IN BREATHING, TIGHTNESS IN CHEST DUE TO CONSTRICTION OF				
Medical Conditions Generally Ago	ravated by Exposure:				
DISEASES OF TH	E LUNGS, EMPHYSEMA	, ASTHMA, TUBERCULOS	IS, PNUEMONIA,		
Emergency and First Aid Procedu					
	. MOVE PERSON(S) TO				
EYE CONTACT: F		R 15 MINUTES, OR USE E	YEWASH, AND CALL		
ANOPHIALMOLO	70101.				
SECTION VII- PRECAUT	TIONS FOR SAFE HANDI	LING AND USE			
Steps To Be Taken in Case Mater	rial is Released or Spilled:				
		SONS UNTIL AROMA DIS	SIPATES, CLEAN AREA		
SPILLS: VENTILATE AREA, EXIT ALL PERSONS UNTIL AROMA DISSIPATES. CLEAN AREA UP WITH ISOPROPYL ALCOHOL.					
	MES: REMOVE ALL PERS	SONS, VENTILATE AREA	UNTIL AROMA		
DISSIPATES.					
Waste Disposal Method:	ABBOUR MATERIAL BY	/ INCINEE ATION ACCORD	ULA TA ASUL		
REGULATIONS.	i i	INCINERATION ACCORD	JING TO OSHA		
Precautions To Be Taken In Handling and Storing:					
DUE TO EVAPORATION, KEEP BOTTLE TIGHTLY CAPPED WHEN NOT IN USE. 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					
RESPIRATOR OR MASK USED FOR PROTECTION AGAINST ORGANIC VAPORS.					
Ventilation: Local Exhaust: Special:					
OPEN WINDOWS, EXHAUST FANS EXIT AREA					
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:	Work/Hygienic Practices:				

Page 2 of 2

MAINTAIN ASEPSIS. DO NOT PLACE CONTAMINATED INSTRUMENTS INTO BOTTLE OF

SOLVENT.