

04-14-05

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<b>ECO HOUSE</b>  <b># 952</b>  <b>Damar Varnish</b>	<b>Material Safety Data Sheet (MSDS) - 1 -</b>			
	<b>Section I :</b> <b>Manufacturer :</b> Eco - House (1988 ) Inc.		<b>Date :</b> March 01, 2004	<b>emergency phone :</b> (506) - 366 - 3529
	<b>Address :</b> P.O.Box 220, Stn. A Fredericton, NB E3B 4Y9 Canada	<b>Trade Name :</b> # 952 Damar Picture Varnish	<b>Chemical Type &amp; Function:</b> Natural Tree Resin Varnish	

**Section II : Ingredients**

Material/Component	Content	Occupational Exposure Limits	CAS - Number
proprietary blend of isoaliphatic hydrocarbons	<50%	PEL > 300 ppm	68551-17-7
orange terpene oil (food - grade)	<10%	PEL 30 ppm	8008-57-9
Combined "Workplace Environment Exposure Limit" [WEEL] acc. to AIHA		PEL 275 ppm	
gum damar resin (crystals)	<50%	non - hazardous	9000-16-2
linseed standoil	<10%	non - hazardous	8001-26-1

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**Section III : Physical Data**

boiling range :	181 - 209°C	specific gravity (H <sub>2</sub> O=1):	0.91 @ 15°C
vapour pressure (mm HG@ 38 °C):	1.50	volatile parts by wt. % :	46.0
viscosity (cP @ 25 °C):	N/A	evaporation rate :	
solubility in water:	insoluble	appearance & odour :	yellowish cloudy liquid light citrus scent

**Section IV: Fire & Explosion Hazard Data**

flash point (TCC) :	> 61° C (>142° F)	flammable limits (% by vol.):	LeL 0.6
extinguishing media :	CO <sub>2</sub> , foam, dry chemical		UeL 6.5
special fire fighting procedures :	n / a		
unusual fire / explosion hazards :	n / a		

File # 952-MSDS.cdr ( March 2004 )

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<b>ECO HOUSE</b>  <b># 952</b>  <b>Damar Varnish</b>	<b>Material Safety Data Sheet (MSDS) - 2 -</b>		
	<b>Manufacturer :</b> Eco - House (1988 ) Inc.	<b>Date :</b> Maqrch 01, 2004	<b>emergency phone :</b> (506) - 366 - 3529
<b>Address :</b> P.O.Box 220, Stn. A Fredericton, NB E3B 4Y9 Canada	<b>Trade Name :</b> # 952 Damar Picture Varnish	<b>Chemical Type &amp; Function:</b> Natural Tree Resin Varnish	

**Section V : Health Hazard Data** ( for volatile ingredients only )

A. Routes of Exposure :		B. Emergency & First Aid Procedures :
inhalation	In high concentration narcotic effect LC 50 (rat) > 715 ppm	expose to fresh air
skin contact	low irritation possible LD 50 dermal,rabbit) 3160mg/kg	wash w/soap and water
skin absorption	n / a	n / a
eye contact	irritant of mucous membranes in high concentration	rinse immediately with large qty. of water
ingestion	low toxic effect LD 50 (oral, rat) > 10 000 mg/kg	call physician, do not induce vomiting

**Section VI : Reactivity Data**

stable X unstable	conditions to avoid: n / a
incompatibility (materials to avoid):	strong oxidizers
hazardous decomposition products :	none
hazardous polymerisation :	will not occur

**Section VII: Spill & Leak Procedures**

measures in case of spills:	remove with absorbent material and discard in compliance with local regulations
waste disposal method :	dispose of in accordance with applicable provincial, state and federal regulations for organic materials .

**Section VIII: Special Protection**

respiratory protection:	n/a
general ventilation :	X
protective gloves:	n/a
eye protection:	n/a

**Section IX: Precautions**

Do not ingest. Keep out of reach of children Avoid contact with eyes.	
Do not inhale fumes. Store in a cool place.	
other precautions :	n / a

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