

ECO HOUSE # 952 Damar Varnish	Material Safety Data Sheet (MSDS) - 1 -		
	Section I :		
Manufacturer : Eco - House Inc.	Date : Feb.15, 2014	emergency phone : (506)- 366 - 3529	
Address : P.O.Box 220, Stn. A Fredericton, NB E3B 4Y9 Canada	Trade Name : # 952 Damar Picture Varnish	Chemical Type & Function: Natural Tree Resin Varnish	

Section II : Ingredients

Material / Component	Content	Occupational Exposure Limits	CAS - Number
isoaliphatic hydrocarbons	< 50 %	PEL > 300 ppm	68551-17-7
orange terpene oil (food - grade)	< 10 %	PEL 30 ppm	68917-57-7
Combined " Workplace Environment Exposure Limit " [WEEL] acc. to AIHA		PEL 275 ppm	
gum damar resin (natural tree resin)	< 50 %	non - hazardous	9000-16-2
linseed standoil	< 10 %	non - hazardous	8001-26-1

Section III : Physical Data

boiling range : 181 - 209°C	specific gravity (H2O=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 : CO2, foam, dry chemical	UeL 6.5
special fire fighting procedures : n / a	
unusual fire / explosion hazards : n / a	

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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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