



Safety Data Sheet
OSHA Hazard Communication Standard
29 CFR 1910.1200. Prepared to GHS Rev 3.

Revision date: Initial version

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Trade name: #955 Heavy Damar Medium
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SECTION 1: Identification

Product identifier used on the label:**Product Name:** #955 Heavy Damar Medium**Other means of identification:****Product Code Number:** Not known**Recommended use of the chemical and restrictions on use:****Recommended use:** Fine artist painting medium.**Recommended restrictions:** Uses other than as recommended above.**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

Company Name:	Eco-House Inc.
Company Address:	PO Box 220 STN. A Fredericton, NB E3B 4Y9 Canada.
Company Telephone:	506-366-3529 (9 AM-5.30 PM AST)
Company Contact Name:	Elizabeth Richards
Company Contact Email:	elizabeth@eco-house.com

Emergency phone number: 506-366-3529

SECTION 2: Hazard(s) identification
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Classification of the chemical in accordance with paragraph (d) of §1910.1200:***Physical hazards***

Not classified as a physical hazard under GHS criteria

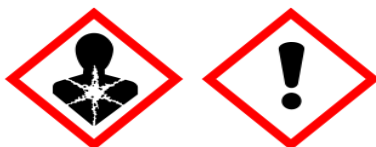
Health hazards

Aspiration hazard, Category 1.

Skin sensitization, Category 1.

Environmental hazards

Not adopted under OSHA paragraph (d) of §1910.1200

#955 Heavy Damar Medium**GHS Signal word:****DANGER.****GHS Hazard statement(s):**H304 - May be fatal if swallowed and enters airways
H317 - May cause an allergic skin reaction**GHS Hazard symbol(s):****GHS Precautionary statement(s):****Prevention:**

- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing must not be allowed out of the workplace.
- Wear protective gloves.

Response:

- If swallowed: Immediately call a poison center/doctor.
- If on skin: Wash with plenty of water.
- Specific treatment (see sections 4 to 8 on this SDS and any further information on the label).
- Do NOT induce vomiting.
- If skin irritation or rash occurs: Get medical advice/attention.
- Take off contaminated clothing and wash it before reuse.

Storage:

- Store locked up

Disposal:

- Dispose of contents/container to an approved disposal site in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC):

Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Percentage of ingredient(s) of unknown acute toxicity:

40% of the mixture consists of ingredients of unknown acute toxicity (oral/dermal/inhalation).

#955 Heavy Damar Medium**SECTION 3: Composition/information on ingredients**

Mixture: Mixture of oils.

Chemical name	CAS#	Concentration (weight %)
Isoaliphatic hydrocarbons	68551-17-7	< 30%
Orange terpene oil (food grade)	68917-57-7	< 10%

Note: The balance of the ingredients are not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SECTION 4: First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention.

Skin contact: Wash with soap and water. Remove contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

Eye contact: In case of eye contact, remove contact lenses and rinse immediately with plenty of water, including under the eyelids, for at least 15 mins. Get medical attention if symptoms develop.

Ingestion: If large amounts are swallowed, seek medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: May be fatal if swallowed and enters airways. May cause an allergic skin reaction. At high concentrations, product may cause irritation of the mucous membranes and narcotic effects.

Indication of immediate medical attention and special treatment needed: If any symptoms are observed, contact a physician and give them this SDS sheet.

#955 Heavy Damar Medium**SECTION 5: Fire-fighting measures****Suitable (and unsuitable) extinguishing media:**

Suitable extinguishing media: Product is not combustible. Use dry chemical, carbon dioxide, or foam extinguishers.

Unsuitable extinguishing media: Full water jet.

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Do not inhale explosion and/or combustion gases.

Hazardous combustion products include CO (Carbon Monoxide), CO₂ (Carbon Dioxide).

Special protective equipment and precautions for fire-fighters: Wear self-contained breathing apparatus and protective clothing. Fight fire from a protected location. Wear self-contained breathing apparatus and protective clothing. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep out of reach of children. Do not inhale fumes. Do not ingest. Avoid contact with mucous membranes. Ensure adequate ventilation. Evacuate personnel to safe areas. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

Methods and materials for containment and cleaning up:

In case of spill, remove with absorbent material. Rinse affected area with water. Dispose of waste in accordance to local, state and federal regulations.

Containment: Do not release into sewers or waterways.

See Section 13 for information on appropriate disposal.

SECTION 7: Handling and storage

Precautions for safe handling: Keep out of the reach of children. Avoid contact with eyes. Do not inhale vapors. Avoid high vapor concentrations. Use good personal hygiene practices and wear appropriate personal protective equipment (see section 8).

Conditions for safe storage, including any incompatibles: Store materials in a cool, ventilated place away from strong oxidizers and combustibles. Store only in the original container. Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure

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limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200) (Table Z-1 Limits for Air Contaminants):		
Substance	PEL-TWA (8 hour)	PEL-STEL (15 min)
Isoaliphatic hydrocarbons (oil mist, mineral)	5 mg/m ³	10 mg/m ³
Orange terpene oil	None known	None known

US ACGIH Threshold Limit Values		
Substance	TLV-TWA (8 hour)	TLV-STEL (15 min)
Isoaliphatic hydrocarbons (oil mist, mineral)	5 mg/m ³	10 mg/m ³
Orange terpene oil	None known	None known

Appropriate engineering controls: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Individual protection measures, such as personal protective equipment:

Eye/face protection: None usually required.

Skin and hand protection: None usually required.

If risk assessment shows that gloves are required then they must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection: None usually required but seek professional advice prior to respirator selection and use.

General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.):

Physical state: Liquid
Color: Opaque

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Odor:	Light citrus scent
Odor threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	181 - 209 °C
Flash point:	>93 °C (> 160 - 175 °F)
Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower (%):	6.5
Flammability limit – upper (%):	0.6
Explosive limit – lower (%):	No data available
Explosive limit – upper (%):	No data available
Vapor pressure:	1.5 mmHg @ 38 °C
Vapor density:	No data available
Relative density:	0.85 @ 15 °C
Solubility (ies):	Insoluble
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity (dynamic):	No data available
Volatile parts by vol. %:	33%

SECTION 10: Stability and reactivity

Reactivity:	Not reactive.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Avoid heat, sparks and flames.
Incompatible materials:	Avoid contact with strong oxidizing agents.
Hazardous decomposition Products:	None, when stored and handled appropriately. If involved in a fire, oxides of carbon may be generated.

SECTION 11: Toxicological information**Information on likely routes of exposure:**

Inhalation:	Expected to be a route of entry.
Ingestion:	Expected to be a route of entry.
Skin:	Expected to be a route of entry.

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Eyes: Expected to be a route of entry.

Symptoms related to the physical, chemical, and toxicological characteristics:

May be fatal if swallowed and enters airways.

Delayed and immediate effects and chronic effects from short or long-term exposure:

May cause an allergic skin reaction. At high concentrations, product may cause irritation of the mucous membranes and narcotic effects.

Numerical measures of toxicity (such as acute toxicity estimates):**Ingredient Information:**

Substance	Test Type (species)	Value
Isoaliphatic hydrocarbons	LD ₅₀ Oral (Rat)	> 10000 mg/kg
	LD ₅₀ Dermal (Rabbit)	3160 mg/kg
	LC ₅₀ Inhalation (Rat)	> 715 ppm - 4h
Orange terpene oil (food grade)	LD ₅₀ Oral (Rat)	No data available
	LD ₅₀ Dermal (Rat)	No data available
	LC ₅₀ Inhalation (Rat)	No data available

Skin corrosion/irritation: May cause mild skin irritation.

Serious eye damage/eye irritation: May cause mild eye irritation.

Respiratory sensitization: Not expected.

Skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: No information available on the mixture, however none of the components have been classified for germ cell mutagenicity (or are below the concentration threshold for classification).

Carcinogenicity: No information available on the mixture, however none of the components are listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA.

Reproductive toxicity: No information available on the mixture, however none of the components have been classified as causing reproductive toxicity (or are below the concentration threshold for classification).

#955 Heavy Damar Medium**Specific target organ toxicity-
Single exposure:**

No information available on the mixture, however none of the components have been classified for STOT SE (or are below the concentration threshold for classification).

**Specific target organ toxicity-
Repeat exposure:**

No information available on the mixture, however none of the components have been classified for STOT RE (or are below the concentration threshold for classification).

Aspiration hazard:

This product is expected to be an aspiration hazard.

SECTION 12: Ecological information**Ecotoxicity (aquatic and terrestrial, where available):**

Product data: No data available

Ingredient Information:

Substance	Test Type	Species	Value
Isoaliphatic hydrocarbons	LC ₅₀	Fish	No data available
	EC ₅₀	Aquatic invertebrates (Crustacea)	No data available
	EC ₅₀	Aquatic algae and cyanobacteria	No data available
Orange terpene oil (food grade)	LC ₅₀	Fish	No data available
	EC ₅₀	Aquatic invertebrates (Crustacea)	No data available
	EC ₅₀	Aquatic algae and cyanobacteria	No data available

Persistence and Degradability: Not established.

Bioaccumulative Potential: Not established.

Mobility in Soil: Because it is insoluble, no soil absorption is expected.

Other adverse effects (such as hazardous to the ozone layer): No additional information available.

SECTION 13: Disposal considerations**Description of waste residues and information on their safe handling and methods of**

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disposal, including the disposal of any contaminated packaging.

Product - Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc., may render the resulting materials hazardous.

Contaminated packaging - Contaminated packaging may contain residues of product. Dispose of in the same manner as product. Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal.

SECTION 14: Transport Information**US Department of Transportation Classification (49CFR)**

Not regulated as dangerous goods.

IMDG (Transport by sea)

Not regulated as dangerous goods.

IATA (Transport by air)

Not regulated as dangerous goods.

Environmental hazards

Marine pollutant: This material is not expected to be a marine pollutant

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

No further relevant information available.

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

No data available

SECTION 15: Regulatory Information**USA:**

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All of the ingredients are listed/registered or exempted on the U.S. EPA TSCA Inventory List.

CERCLA RQ: None listed

#955 Heavy Damar Medium**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories:**

Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None listed

Section 311 hazardous chemical: None listed

SARA Section 313 (Specific toxic chemical listings): None listed.

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): No components are listed on Prop 65.

Massachusetts Right to Know: None of the components are listed on the Massachusetts Right to Know List.

New Jersey Right to Know: Alkanes, C10-13-iso is listed on the New Jersey Right to Know list.

Pennsylvania Right to Know: Alkanes, C10-13-iso is listed on the Pennsylvania Right to Know List.

SECTION 16: Other Information

Revision Date: Apr 26, 2016

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