

Safety Data Sheets

Encaustic Medium, Cold Beeswax Paste

Product code: ME-PH0010

Departement: kama painting mediums & varnishes

C.A.S. : 8012-89-3, 80-56-8, 127-91-3



KAMA
PIGMENTS

Section: 1 Identification

product: Painting Medium
Application: Modifier for artist oil painting
Emergency phone number: (CANUTEC): (613) 996-6666

Section: 2 Hazard Identification

Potential Acute Health Effects:

Eye Contact: May cause mild eye irritation. May cause mild discomfort.
Skin Contact: May cause mild skin irritation. Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.
Inhalation: Excessive exposure may cause irritation of the eyes, upper respiratory tract (nose and throat) and lungs.
Ingestion: Low toxicity. Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

HGS Label Elements



Signal Word

Attention

GHS Classification

Flammable liquid-Cat.3

Hazard statements

H226 Flammable liquid and vapours

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse the skin with a fatty substance (vegetable oil, margarine, ...).

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local regulations.

Section: 3 Composition / Information on Ingredients

Components	% mass	STEL	ACGIH TLV	OSHA PEL
bleached beeswax 8012-89-3	54.9%			
A-Pinene (CAS # 80-56-8)	36.1%	150 ppm	100 ppm	100 ppm
B-Pinene (CAS # 127-91-3)	4.5%	150 ppm	100 ppm	100 ppm

Section: 4 First Aid Measures

Skin Contact:	Wash affected area with copious amounts of soap and water. Remove contaminated clothing and shoes, and launder before re-use. If irritation persists, seek medical assistance.
Eye Contact:	Remove any contact lenses at once. IMMEDIATELY flush eyes well with large quantities of water for at least 15 minutes. See a physician immediately.
Ingestion:	GET MEDICAL HELP IMMEDIATELY. Stomach pumping and lavage may be required. Give edible oil or white mineral oil to drink. DO NOT induce vomiting – aspiration a hazard if vomiting occurs.
Inhalation:	If symptoms of overexposure are experienced, evacuate to fresh air. If respiration stops, give mouth to mouth resuscitation. If symptoms persist, seek medical attention.

Section: 5 Fire Fighting Measures

SUITABLE AND UNSUITABLE EXTINGUISHING MEDIA	Foam, Carbon Dioxide, Water Fog. Do not use direct stream as it may scatter and spread fire.
HAZARDOUS COMBUSTION PRODUCTS SPECIAL FIRE FIGHTING PROCEDURES	Carbon dioxide and carbon monoxide may form on combustion. Evacuate all persons to a safe area. If possible shut off fuel to fire. Use a water spray to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse vapours. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should wear self-contained breathing apparatus and appropriate protective equipment.
UNUSUAL FIRE / EXPLOSION HAZARDS	Containers may rupture when exposed to extreme heat. Air oxidation may cause this product to spontaneously combust.

Section: 6 Accidental Release Measures

LEAKS AND SPILLS	Absorb with an inert material and place in a chemical waste container. Do not allow product to enter sewers or waterways. For larger spills, dike area and pump into waste containers. Wear protective clothing during cleanup.
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Section: 7 Handling And Storage

HANDLING PROCEDURES

Avoid contact with eyes and skin. Avoid inhalation and ingestion. Use under well ventilated conditions. Wash skin thoroughly after handling and before eating or smoking. Use good industrial hygiene practices in handling this material.

STORAGE NEEDS

Do not store in open, unlabeled or mislabeled containers. Keep container tightly closed. Keep from freezing (0°C). Store in a cool, dry, well-ventilated area.

Section: 8 Exposure Control/Personal Protection

control parameters:

occupational exposure limits: long term (8 hours): 100ppm
short term (15 minutes): 150ppm

biological exposure limits: not available

dnel: not available

pnec: not available

Respiratory Protection:

MSHA/NIOSH-approved organic vapor respiratory protection should be worn when TLV is exceeded in accordance with OSHA 29CFR1910.134 or other applicable standards or guidelines.

Ventilation:

General mechanical ventilation (to reduce fumes) plus local exhaust at points of emission to maintain exposures below TLV(s) listed. Protective Gloves: Neoprene or Rubber – impervious gloves.

Eye Protection:

ALWAYS wear OSHA-approved chemical splash goggles with side shields OR full facepiece respirator as approved by NIOSH; full face shield to be worn with goggles and respirator if NOT a full facepiece respirator.

Other Protective Equipment:

Wear appropriate aprons, boots and other suitable body protection.

Safety Stations:

Eye bath and safety shower; clothing to protect from skin contact.

Work/Hygienic Practices:

Good personal hygiene practices should be used. Wash after any contact, before eating, and at the end of the work period.

Section: 9 Physical and Chemical Properties

appearance:

Lightly amber was paste

odor:

pine characteristic

flash point:

> 60 °C

flammability:

flammable

upper / lower flammability

or explosive limits:

not available

specific gravity:

0.800 – 0.955 at 15.5 °C

water solubility:

< 1%

self-ignition temperature:

253 °C (487.4 °F)

decomposition temperature:

not available

viscosity:

not available

explosive properties:

not available

oxidizing properties:

not available

dissociation constant:

not available

stability in organic solvents and identity of relevant degradation products:

not available

Section: 10 Stability And Reactivity

Chemical Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Avoid excessive heat, open flames and all ignition sources.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	Material does not decompose at ambient temperatures.
Additional Information:	No additional remark.

Section: 11 Toxicological Information

COMPONENT	CAS LC50	ORAL, RAT	DERMAL, RABBIT	INHALATION –
Alpha Pinene	80-56-8	3700	2000	Not Determined
Beta Pinene	127-91-3	3700	2000	Not Determined
Other Terpenes	N/A	> 5000	> 3000	Not Determined

OTHER DATA COMPONENT	CAS	MUTAGENICITY	CARCINOGENICITY	REPRODUCTIVE TOXICITY:
Alpha Pinene	80-56-8 bw/day	Negative	Not Determined	NOAEL: 250mg/kg
Beta Pinene	127-91-3 bw/day	Negative	Not Available	NOAEL: 250mg/kg
Other Terpenes	N/A	Negative	Not Available	Not Available

Acute Inhalation Toxicity:	May cause transient irritation to the respiratory system. Exposure to high vapor concentration may cause effects similar to those of ingestion.
Acute Dermal Toxicity:	May be absorbed through the skin. May cause sensitization by skin contact. Repeated / prolonged contact may cause mild irritation and drying (defatting) of skin.
Ingestion:	May cause nausea, vomiting, dizziness and depression of central nervous system.

Section: 12 Ecological Information

Marine Pollutant.
Toxic to aquatic organisms.

Prevent contamination of soil, drains or surface water; use appropriate containment methods to avoid run-off into storm sewers, ditches that lead to waterways.

ecotoxicity:	
acute toxicity:	fish not available
acute toxicity:	daphnia not available
acute toxicity:	algae not available
biodegradability:	not available
bioaccumulative potential:	not available

Section: 13 Disposal Considerations

WASTE DISPOSAL	Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations.
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Section: 14 Transport Information

TDG CLASSIFICATION	Not regulated under TDG (Canada).
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Section: 15 Regulatory Information

CEPA STATUS

All the ingredients are on the DSL list.

HAZARDOUS PRODUCTS REGULATIONS

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and this document contains all the information required by the Hazardous Products Regulations.

U.S. TSCA INVENTORY STATUS

All components of this product are listed on the TSCA

Chemical Substances Inventory or are exempt.

Section: 16 Other Information

Reference
Prepared by

Manufacturer's material safety data sheet
Kama pigments

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