Safety Data Sheets

Canadian Balsam Glazing Medium

Product code: ME-PH0040
Departement: kama painting mediums & varnishes
C.A.S. : 67746-08-1, 9005-90-7, 8006-64-2, 9000-16-2

KAMA PIGMENTS

Section: 1 Identification

product:	Painting Medium
Application:	Modifier for artist oil painting

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

Danger

GHS Classification

Flammable liquids-Cat.3
Acute toxicity -inhalation-Cat.4
Skin corrosion -irritation-Cat.2
Specific target organ toxicity - single exposure (Narcotic effects)-Cat.3 - Narcotic effect
Carcinogenicity 2

Hazard statements

H226 Flammable liquid and vapor
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful if inhaled
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

P210 Keep away from heat / sparks / open flames / hot surfaces. No smoking
P233 Keep container tightly closed
P260 Do not breathe dust / fume / gas / mist / vapors / spray
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P271 Use only outdoors or in a well-ventilated area
P273 Avoid release to the environment
P280 Wear protective gloves / protective clothing / eye protection / face protection

Section: 3 Composition / Information on Ingredients

Components	% mass	STEL	ACGIH TLV	OSHA PEL
Canadian balsalm 18172-67-3	46.4%			
A-Pinene (CAS # 80-56-8)	28.0%	150 ppm	100 ppm	100 ppm
Linseed oil, polymerized 67746-08-1	18.6%			
B-Pinene (CAS # 127-91-3)	3.5%	150 ppm	100 ppm	100 ppm
Zirconium 2-Ethylhexanoate, 22464-99-9	0.1%			
Cobalt 2-Ethylhexanoate 136-52-7	0.1%			

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	Carbon dioxide and carbon monoxide may form on combustion.
SPECIAL FIRE FIGHTING PROCEDURES	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.

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 (0ºC). 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:	Amber liquid
odor:	pine characteristic
ph:	not applicable
boiling range (760 mmhg):	157.2 – 176.7°c (315 – 350°f)
flash point:	35°c (95°f)
evaporation rate:	< 1 (butyl acetate = 1)
flammability:	flammable
upper / lower flammability or expolsive limits:	not available
vapor pressure:	4 mmhg
vapor density:	> 1 (air = 1)
specific gravity:	0.850 – 0.855 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 relevent 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	ORAL, RAT LC50	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.

Section: 14 Transport Information

TDG CLASSIFICATION	Not regulated under TDG (Canada).

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	Manufacturer's material safety data sheet
Prepared by	Kama pigments

Disclaimer:

Kama pigments, expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information, refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Kama pigments Sales Office.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Kama pigments makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Kama pigments' control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

KAMA PIGMENTS

Last revision: 2021-08-29