

SAFETY DATA SHEET: Cold Wax Medium
REVISED: 8/2/2015



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Cold Wax Medium
Product Description: Beeswax/Petroleum Solvent Mixture
Intended Use: To mix with artists oil paints to modify working properties.
To use as a matte final surface for al painting.
To use as a matting agent for varnishes and painting mediums.

COMPANY

Company Name: Gamblin Artists Colors
Company Address: 323 SE Division Pl.
Portland, OR 97202
USA
Company Phone: 503-235-1945
Emergency Phone: Local Emergency Room

SECTION 2: HAZARDS IDENTIFICATION

GHS LABELING

GHS Classification: Flammable Category 4
Health Category 1

GHS Pictogram(s):



Signal Word: Danger

HAZARDS

Hazard Statements:
H227 Combustible
H304 May be fatal if swallowed and enters airway.

Precautionary Statements:

P210 Keep away from flames and hot surfaces. -- No smoking

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P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER
 or doctor/physician
 P331 Do NOT induce vomiting
 P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to
 extinguish
 P501 Dispose of contents and container in accordance with local regulations

Potential Health Effects:

Eyes, Nose,
 Throat, Lungs May be irritating
 Skin May cause rash, cracking, dryness, or deflating of the skin
 Ingestion May cause nausea, gastrointestinal irritation, or vomiting
 Inhalation N/A

Acute Health Hazards:

If swallowed, may be aspirated and cause lung damage

Chronic Health Hazards:

Skin contact may aggravate existing dermatitis

Environmental Hazards:

No significant hazards

NFPA Hazard ID: Health 1 Flammability 2 Reactivity 0
 HMIS Hazard ID: Health 1* Flammability 2 Reactivity 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration (%)*	GHS Hazard Codes	Supplier Rec.	EU HSPA
Alkyd Resin	Proprietary	5-15	H227, H304	N/A	N/A
Petroleum Distillates	Various	40-60	H227, H304	200 mg/m ³	1200 mg/m ³
Beeswax	8012893	40-60	none	N/A	N/A

*As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

SECTION 4: FIRST AID MEASURES

Eyes: Wash with clean water for at least 15 minutes.
 If irritation persists, get medical attention.

Skin: In case of skin contact, wash skin thoroughly with soap and water.

Inhalation: If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available

Ingestion: Do not induce vomiting. Give water or milk to drink, get medical attention.

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NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: If ingested material may be aspirated into the lungs and cause chemical pneumonia. Treat appropriately.

SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Special Fire Fighting Procedures:

Combustible. Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supplies. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: Combustible

Hazardous Combustion Products:

Smoke, Fume, Incomplete combustion products. Oxides of carbon.

FLAMMABILITY PROPERTIES

Flammable Limits in Air:

Upper 5.3% by volume

Lower 0.7% by volume

Flash Point: 144°F 62°C

Autoignition Temperature:

635°F 335°C

SECTION 6: ACCIDENTAL RELEASE MEASURES

Material Spill Steps: Remove all sources of ignition

Soak up spill with absorbent materials

Waste Disposal:

Rags and other absorbent materials should be immersed in water

Small amounts can be dried and disposed of as regular trash

SECTION 7: HANDLING AND STORAGE

Precautions:

Store away from high temperatures, sparks, or open flame

Read and observe all precautions on the product label

Wash hands after use

Immerse contaminated rags in water

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory Protection:

Use supplied air respiratory protection in confined or enclosed spaces, if

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Ventilation: needed.
 recommended Use only with ventilation sufficient to prevent exceeding exposure limit or buildup of explosive concentrations of vapor in the air. No smoking, flame, or other ignition sources.

Protective Gloves: Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection: Safety glasses if eye contact is likely; eyewash fountain should be accessible.

ENGINEERING CONTROLS

Ventilation: Adequate ventilation should be provided so that exposure limits are not exceeded.

Hygiene: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking.

Exposure Guidelines: Naphtha(Petroleum)Hydrotreated Heavy, Vapor: Limit 1200 mg/m³. 196 ppm

Other: Chemical resistant clothing is recommended.

NOTE: The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Physical State: Semi-solid

Form: Paste

Color: White

Odor: Mild Petroleum

Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Boiling Point: 318-390°F 159-199°C

Melting Point: N/D

Freezing Point: N/D

Vapor Pressure: <0.1kPa @ 20°C (mmHg)

Vapor Density: (AIR = 1): 5 @ 101 kPa (calculated)

Specific Gravity: (H₂O = 1): 0.8-0.9

Evaporation Rate: (n-butyl acetate =1): 0.2

Solubility in Water: Negligible

Solids by Weight: 50-60%

Volatile: By WT/By VOL @ 50-60 Volatile Organic Compound (VOC): <450g/l

Molecular Weight: N/A

Viscosity: N/A

SECTION 10: STABILITY AND REACTIVITY

Stability: Material is stable under normal conditions

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources

Materials to Avoid: Strong oxidizers

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Hazardous Decomposition or Bi-Products:

Material does not decompose at ambient temperatures

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

HAZARD CLASS	CONCLUSION/REMARKS
Inhalation	
Acute Toxicity: (Rat) 8 hour(s) LC50 > 5000 mg/m3 (Vapor)	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion	
Acute Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401
Skin	
Acute Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Skin Corrosion/Irritation: Data available.	May dry the skin leading to discomfort and dermatitis. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
Eye	
Serious Eye Damage/Irritation: Data available.	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405
Sensitization	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.
Skin Sensitization: Data available.	Not expected to be a skin sensitizer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 406
Aspiration: Data available.	May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.
Germ Cell Mutagenicity: Data available.	Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Tests equivalent or similar to OECD Guideline 471 473 474 476 478 479

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Carcinogenicity: Data available.	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453
Reproductive Toxicity: Data available.	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421 422
Lactation: No end point data for material.	Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity (STOT)	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: Data available.	Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 413 422

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

Ecotoxicity: May cause long term adverse effects in the aquatic environment.
Mobility: Highly volatile, will partition rapidly to air.
 Not expected to partition to sediment and wastewater solids.

PERSISTENCE AND MOBILITY

Biodegradation: Expected to be inherently biodegradable.
Hydrolysis: Transformation due to hydrolysis is not expected to be significant.
Photolysis: Transformation due to photolysis is not expected to be significant.
Atmospheric: Expected to degrade rapidly in air.

SECTION 13: DISPOSAL CONSIDERATIONS

NOTE: Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.

Waste Disposal: Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

RCRA Information: Disposal of unused product may be subject to RCRA regulations (40 CFR 261). Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by Toxicity Characteristics Leaching Procedures (TCLP). Potential RCRA characteristics: IGNITABILITY.

Empty Container: Empty containers may contain residue and can be dangerous. Do not attempt to clean container without proper instructions. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations.

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DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14: TRANSPORT INFORMATION

LAND (DOT)

Proper Shipping Name: Petroleum distillates, N.O.S.
Hazard Class: Combustible liquid
ID Number: 1268
Packing Group: III
ERG Number: 128
Label(s): None
Transport Doc. Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

SEA (IMDG)

Proper Shipping Name: Petroleum distillates, N.O.S.
Hazard Class: 3
EMS Number: F-E, S-E
UN Number: 1268
Packing Group: 111
Label: 3
Transport Doc. Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III, (40°C cc)

AIR (IATA)

Proper Shipping Name: Petroleum distillates, N.O.S.
Hazard Class: 3
UN Number: 1268
Packing Group: 111
Label(s): None
Transport Doc. Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT):

Disposal of unused product may be subject to RCRA regulations (40 CFR 261).
Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by Toxicity Characteristics Leaching Procedures (TCLP).
Potential RCRA characteristics: IGNITABILITY

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

This material is not subject to special reporting.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Fire

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313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None found
INTERNATIONAL REGULATIONS: None found

SECTION 16: OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Updates made in accordance with implementation of GHS requirements.

The information and recommendations contained herein are, to the best of Gamblin's knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.