

Safety Data Sheet

Encaustic Monotype Stick Cadmium Red Medium

Product Code: EN-204060

Department: kama encaustic monotype sticks

C.A.S. : 8012-89-3, 9000-16-2, 158339-34-7, 7727-43-7



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Section: 1 Identification

Product name	Encaustic (wax based) Artists Paints
material use	Fine Art Painting
Uses advised against	No specific uses advised against are identified.
Manufacturer	Kama Pigments Artists' materials 7442 St-Hubert, Montreal, Québec, H2R2N3 Canada https://www.kamapigment.com

Section: 2 Hazard Identification

Our artists paints are not classifiable as hazardous according to ghs (osha,clp,whmis) hazard Classification criteria

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	None necessary
Other hazards	This product is intended for use by adults.

HGS Label Elements

Signal Word**GHS Classification**

The product does not require a hazard warning label in accordance with GHS criteria.

Hazard Statements

H302 Harmful if swallowed.

Precautionary Statements

P264 Wash skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
 Rinse mouth.
 P501 Dispose of contents/ container to an approved waste disposal plant.

Section: 3 Composition / Information on Ingredients

Product is a mixture of wax, dammar resin and pigments with no reportable components except :

Product name: Cadmium pigment
 chemical composition:

	components:	cas no.	%
As mixtures, all colors may contain (see note 1):			25-100
	C.I pigment red 108 – cadmium sulfoselenide red	58339-34-7	
	C.I pigment orange 20 – cadmium sulfoselenide orange	12656-57-4	
	C.I pigment yellow 35 - cadmium zinc sulfide yellow	8048-07-5	
	C.I pigment white 21 – barium sulfate (see note 2)	7727-43-7	0-30

note 1: these substances are specifically excluded from the specific classification and labelling entries in the ghs table covering cadmium compounds. they have been self-classified by the producer as not hazardous on the basis of their physical and chemical properties – particularly their extreme insolubility. a risk assessment conducted by the eu concluded that these products offer no significant hazard to either human health or the environment. their reach registration has confirmed that no classifications apply – either for human health or the environment.

note 2: barium sulfate is present in extended / reduced strength (lithopone-like) pigments/colors. it may also be present at lower levels in cadmium “pure” type pigments to control strength to customers’ standards

Other ingredients :

Common name	CAS	% (total weight)
Natural Beeswax	8012-89-3	10-75
Dammar Resin	9000-16-2	3-25

Section: 4 First-Aid Measures

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	No known significant effects or critical hazards.
Inhalation	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments No specific treatment.

Protection first-aiders No action shall be taken involving any personal risk or without suitable training.

Section: 5 Fire-Fighting Measures

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use a water jet as a fire extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	Decomposition products can include the following carbon dioxide, carbon monoxide, nitrogen oxides, halogen compounds, harmful gases or vapors.
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section: 6 Accidental Release Measures

Personal precautions	No specific recommendations. For personal protection, see Section 8.
Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.
Methods and material for containment and cleaning up	Reuse or recycle products wherever possible. Absorb spillage to prevent material damage. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with local regulations.

Section: 7 Handling And Storage

Personal precautions	No specific recommendations. For personal protection, see section 8.
Environmental precautions	Avoid release to sewers, waterways or on the ground.
Methods and material for containment and cleaning up	Reuse or recycle products as far as possible. Absorb spill to prevent material damage. Rinse the contaminated area with plenty of water. Wash thoroughly after dealing with a spill. Dispose of contents / container in accordance with local regulations.

Section: 8 Exposure Control/Personal Protection

Occupational exposure limits	None.
Appropriate engineering controls	Good general ventilation is recommended but not not mandatory.
Individual protection measures	
Hygiene measures	Wash hands, forearms and face thoroughly after handling, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.
Skin protection	Use barrier creams to prevent skin contact.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard are recommended.

Section: 9 Physical and Chemical Properties

Appearance	Wax-like colored crayons of various colors.
Odour	wax-like Characteristic.
pH	Not applicable.
boiling point	>240 °C
melting point	55-75 °C
Flash point	>205 °C CC (Closed cup).
Relative density	0.90 - 1.3 @ 20 °C
Solubility	Insoluble in water
Auto-ignition temperature	>300 °C

Section: 10 Stability And Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Chemical stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	Do not heat this product over 90 °C (225 °F). Waxes will release toxic fumes when heated above the decomposition temperature. Adding solvents to this product will also release toxic fumes.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

Section: 11 Toxicological Information

Toxicological effects	Not regarded as a health hazard under current legislation.
Acute toxicity - oral LD50	Based on available data the classification criteria are not met.
Acute toxicity - dermal LD50	Based on available data the classification criteria are not met.
Acute toxicity - inhalation LC50	Based on available data the classification criteria are not met.

Section: 12 Ecological Information

Toxicity	Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.
Persistence and degradability	The degradability of the product is not known.
Bioaccumulative potential	Not available.
Other adverse effects	No known significant effects or critical hazards.

Section: 13 Disposal Considerations

Disposal methods	<p>The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.</p> <p>Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way.</p> <p>Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.</p>
Waste class	waste paint and varnish.

Section: 14 Transport Information

Land transport (DOT)	Not classified as dangerous in the meaning of transport regulations.
Air transport (IATA)	Not classified as dangerous in the meaning of transport regulations.
Sea transport (IMDG)	Not classified as dangerous in the meaning of transport regulations.
ADR/RID	Not classified as dangerous in the meaning of transport regulations.

Section: 15 Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and GHS and the MSDS contains all the required informations.

Proposition 65 (California)

This product contains a chemical known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Section: 16 Other Information

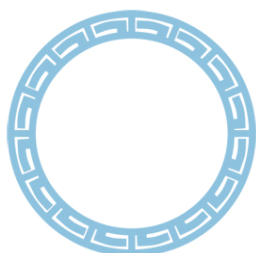
Training advice	Read and follow manufacturer's recommendations contained in this SDS.
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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information, refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local Kama pigments Sales Office.

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