

01113-2190

MATERIAL SAFETY DATA SHEET - GRAPHITE ENKAUSTIKOS! WAX ART SUPPLIES

Prepared by BASF Chemical Company
REVISED 9.16.2010

MATERIAL/PRODUCT IDENTITY

Enkaustikos Wax Paints
Manuf./Code Number 97-238
GRAPHITAN 7525
Conforms to ASTM D-4236
FHSA and LHAMA

SECTION I

MANUFACTURER'S NAME AND LOCATION
Enkaustikos! Wax Art Supplies
DBA Rochester Art Supply, Inc.
3 North Washington Street
Rochester, New York 14614
EMERGENCY TELEPHONE Not Required
TELEPHONE 1-716-263-6931
CONTACT Michael Lesczinski, President

SECTION II

PHYSICAL CHARACTERISTICS /HEALTH EFFECTS

Color: Grey to Black
Appearance: Powder
State of Matter: Solid
Odor: Odorless

Health: May cause mechanical irritation to eyes, skin and respiratory system. HARMFUL IF INHALED. Chronic exposure to dust at concentrations exceeding occupational exposure limits may increase the risk of developing pneumoconiosis (lung disease).

Physical/Chemical Hazards: Refer to MSDS Section 7 for Dust Explosion information

Potential Health Effects - Primary Routes of Entry: Ingestion, skin, inhalation, eyes

Potential Environmental Effects: Product is insoluble in water. No known adverse effects

SECTION III

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Graphite
CAS Number: 7782-42-5
Content (Weight): 97.0-100%
Hazardous: Y

This material is classified as hazardous under OSHA regulations.

ABBREVIATIONS:

N/L = Not Listed
PEL = Permissible Exposure Limit
TLV = ACGIH Threshold Limit Value
Pr. = Proprietary

The data shown is taken from sources judged to be reliable. The user should judge both the accuracy and the suitability of this information for any intent or purpose. *No other warranty is given.*
(TLV Reg. TM, ACGIH)

SECTION IV

FIRST AID MEASURES

Inhalation: Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Skin: If clothing is contaminated, remove and launder before reuse. After contact with skin, wash immediately with plenty of water and soap. Get medical attention if irritation occurs.

Eyes: Rinse immediately with plenty of water for at least 10 minutes taking care to wash under the eyelids. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

SECTION V

FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, dry powder, foam, water fog

Hazardous combustion products: Burning may produce toxic combustion products., Carbon oxides.

Hazards during fire-fighting: Standard procedure for chemical fires. The product can form an explosive dust/air mixture. For further information, see Section 7 Explosion Hazards.

Protective equipment for fire-fighting: Wear self-contained breathing apparatus and chemical-protective clothing.

SECTION VI

ACCIDENTAL RELEASE MEASURES

Cleanup: Sweep up and shovel into suitable containers for disposal. Avoid raising dust. Wear suitable protective equipment. Should not be released into the environment.

SECTION VII

HANDLING AND STORAGE

HANDLING

General advice: As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.

Protection against fire and explosion: Combustible powder. - Avoid creating dusty conditions. - Grounding is required when emptying into a conductive container. - When flammable solvents are present, the

container must be inerted or the system otherwise designed to prevent or contain an explosion. Seek expert advice. In addition, for products packaged in fused-lined (coated) fiber drums, fiber drums with conductive liners, steel drums, steel pails, and Type "C" FIBC (bulk bags), or other conductive the following instructions also apply: - Always ground this package before emptying. The user is responsible for designing the system to handle solid and ensuring proper training of employees in the system's use.

STORAGE

General advice: Keep container tightly closed in a dry, cool and well-ventilated place. For industrial use only.

SECTION VIII

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines:

Graphite (7782-42-5)
ACGIH TWA value: 2mg/m3 Respirable fraction
OSHA TW value: 15 millions of particles per cubic foot of air

Engineering Controls: Ensure adequate ventilation to minimize the build-up of dust or vapours. Work in well ventilated areas. Do not breathe dust.

Personal Protective Equipment:
Respiratory Protection: Wear a NIOSH-certified respirator as necessary

Eye Protection: Wear safety goggles (chemical goggles) if there is potential for airborne dust exposures.

Body protection:
Wear chemical resistant gloves and protective clothing.

SECTION IX

PHYSICAL AND CHEMICAL PROPERTIES

Color:	grey to black
Form:	powder
State of matter:	solid
Odour:	odourless
pH value:	5 - 8 (as suspension)
Evaporation rate:	Not tested
Flammability:	Not highly flammable
Flash point:	Not applicable
Self-ignition temperature:	Not tested
Melting point:	Approx. 3,500 °C
Boiling point:	Not applicable
Vapour pressure:	Not applicable
Density:	2.23 - 2.25 g/cm ³ (20 °C)
Vapour density:	Not applicable
Partitioning coefficient n-octanol/water (log Pow):	Not tested
% Volatiles:	None
Solubility in water:	Insoluble
Autoignition:	> 600 °C (BAM)

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SECTION X STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid electro-static discharge. Avoid sources of ignition.

Substances to avoid: No special precautions other than good housekeeping of chemicals. Strong oxidizing agents, strong acids, strong bases.

Possibility of Hazardous Reactions: No hazardous reactions known.

Hazardous decomposition products: No decomposition expected under normal storage conditions.

SECTION XI TOXICOLOGICAL INFORMATION

Acute oral toxicity:

LD50 / oral / rat: > 5.000 mg/kg

Acute inhalation toxicity: May be harmful if inhaled

Acute dermal toxicity:

Dermal: Not determined

Skin irritation: May cause irritation due to mechanical action

Eye irritation: Dust may cause mechanical irritation.

Skin Sensitization: Not determined

Subchronic Toxicity: Not determined

Chronic toxicity: Not determined

Genetic toxicity: Not determined

Carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity: Not determined

Developmental toxicity/teratogenicity: Not determined

Additional Information: Danger of irritation to the lungs. May cause lung damage.

SECTION XII

ECOLOGICAL INFORMATION

Acute oral toxicity:

Toxicity to fish: Not tested

Toxicity to aquatic invertebrates: Not tested

Toxicity to aquatic plants: Not tested

Toxicity to microorganisms: Not tested

Biodegradation:

Evaluation: Not readily biodegradable.

Chemical oxygen demand (COD):

Not determined

Biochemical oxygen demand (BOD):

Not determined

Bioaccumulation: Not determined

Add. remarks environm. fate & pathway:

Do not discharge product uncontrolled into the environment.

SECTION XIII

DISPOSAL CONSIDERATIONS

Waste disposal of substance: Dispose of in accordance with national, state and local regulations.

SECTION XIV

TRANSPORT INFORMATION

U.S. Department of Transportation
The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

Road transport: Special shipping information: Not classified as a dangerous good under transport regulations.

Air transport: Special shipping information: Not classified as a dangerous good under transport regulations.

International Air Transport Association (IATA)
Special shipping information: Not classified as a dangerous good under transport regulations.

International Maritime Dangerous Goods Code (IMDG) Special shipping information: Not classified as a dangerous good under transport regulations.

SECTION XV

REGULATORY INFORMATION

Canada: Domestic Substances List (DSL): All components either exempt or listed on the DSL

US: Toxic Substances Control Act (TSCA): All component(s) comprising this product are either exempt or listed on the TSCA inventory

United States - Regulations
SARA Section 311/312 Hazard Communication Standard:

Acute Health:	Y	Fire:	N
Chronic Health:	Y	Reactivity:	N
Sudden release of pressure:			N

SARA Section 313 Toxic Chemical List: This product does not contain any components reportable under Sec 313 (40 CFR 372).

OSHA hazard category: This material is classified as hazardous under OSHA regulations.

Toxic Substances Control Act (TSCA) Significant New Use Rule (SNUR): This product is not subject to a Significant New Use Rule (SNUR).

Toxic Substances Control Act (TSCA) Section 5(e) Consent Orders: This product is not subject to a Section 5(e) Consent Order.

Toxic Substances Control Act (TSCA) Section 5(f): This product is not subject to a Section 5(f)/6(a) rule.

Toxic Substances Control Act (TSCA) Section 12(b) Export Notification: No components listed.

Clean Air Act - Hazardous Air Pollutants (HAP): This product does not contain any Hazardous Air Pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Clean Air Act 602 - Ozone Depleting Substances (ODS): This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

Clean Water Act - Priority Pollutants (PP): This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307(2)(1)
Priority Pollutant List (40 CFR 401.15).

Pennsylvania Right to Know:		
Chemical name	CAS Number	Notification
Graphite	7782-42-5	Listed

California Proposition 65 - Chemicals Known to the State to Cause Cancer: No components listed.

California Proposition 65 - Chemicals Known to the State to Cause Reproductive Toxicity: No components listed

International Regulations
Chemical Weapons Convention: This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

LABEL STATEMENTS FOR ENKAUSTIKOS ALL COLORS EXCEPT COBALT

Acute Toxicity:	None
Chronic Toxicity:	None
Certification Assurance:	Conforms to ASTM D-4236

Children's Hazard Warning:
Not Intended for Use by Children

California Warning Statement for the
Ingredient: None - No Statement Required