

## Tips for Packing and Flying

Artist grade oil colors are based on vegetable oil with a flash point above 550. THEY ARE NOT CONSIDERED HAZARDOUS. Pack the Material Safety Data Sheet (MSDS) from the paint manufactured with the exact flash point info. Each manufacturer will have this information on their packaging and/or web site. You may want to include MSDS information specific to each color. I have included the MSDS pages that I need on a regular basis.

According to Robert Gamblin, when security asks, "What kind of paints are these?" Never say "oil paints"; say "these artists colors are made from vegetable oil and contain no solvent." For air travel, flammable liquids are those that have a flash point 140 degrees F. or below. If you do not know the flash point of your mediums or solvent, do not take any on board. Check to see if you can purchase mediums and solvents at your destination or ship them using a ground shipping method.

If you cannot find solvent at your destination, and shipping is not a good option, try using baby oil gel for pulling the color out of your brushes (instead of OMS). It will clean the oil off of your hands too. The oil leaves your brushes soft and ready for regular cleaning when you return home.

The bottoms of tubes have a distinct way of puncturing each other so that when you reach your destination and go to squeeze out the first big pile of paint, it goes all over you because it is squeezing out little holes you can barely see. Wrap EACH tube with bubble wrap and tape. If taking small tubes, I actually put two tubes, head to head, and wrap them and write on the outside of the bubble wrap what the color is. Place wrapped tubes inside a ziplock bag or plastic container.

Clean your metal, clamp-lid, OMS container well with soap and water. When you get to your destination, insert a ziplock bag in the bottom of the container before you place the grill insert in. Fill with turp and just fold the ziplock top inside the container to put the lid on securely. While some turp will run down the outsides of the ziplock at times, the container will be much easier to clean out when it is time to repack for your return trip. Pull out the ziplock, seal it, and dispose of properly. Stuff papertowels in the bottom of the turp can and swirl around using the end of a brush to pick up remaining turp. Wash with soap and water so that no scent of OMS remains.

When attending a plein air workshop, all of your supplies should fit comfortably in one bag or backpack and be lightweight enough for you to carry on your own. Pack your backpack and its contents in its own suitcase or heavy-duty plastic bin with lid. Drill holes in the rim of the lid, and use bolts with nuts to secure tightly. Be sure to have all of your gear marked with your name and phone number, and include the MSDS as mentioned.

If you choose to carry on some of your gear, remember to remove palette knives. Requirements for airlines are changing daily, and you never know when they may be the one instrument that gets you noticed in the security area. Keep your cool, don't hassle security. If they question you, show them the MSDS and explain that you are going on a painting holiday. It sometimes helps to provide materials specific to your destination such as a workshop brochure, your business cards, and offer to politely educate them on the vegetable based pigments!

Watercolors also require MSDS information as they are no more or less hazardous than oils, and can be considered as "paints" by airport authorities.

PRINT OUT AND PLACE IN LUGGAGE WITH ART SUPPLIES:

The US Department of Transportation defines "flammable liquids" as those with a flash point 140 degrees F or below. Artist grade oil colors are based on vegetable oil with a flash point at or above 450 degrees F. **THEY ARE NOT HAZARDOUS.**

If you need to confirm this, please contact TSA at 866-289-9673 or their Hazardous Materials Research Center at 800-467-4922

MATERIAL SAFETY DATA SHEET  
ENCLOSED: WINSOR & NEWTON ARTISTS COLORS

MSDS Safety Information

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FSC: 8010  
MSDS Date: 12/06/07  
MSDS Num: BWVSS  
LIIN: 00F038794  
Product ID: ARTISTS OIL COLOR  
Application: COLORS FOR ART AND CREATIVE USE  
MFN: 01  
Responsible Party  
Cage: 03103  
Name: WINSOR & NEWTON COLART AMERICAS INC  
Address: 11 CONSTITUTION AVE  
Box: 2390  
City: PISCATAWAY NJ 08855-1396  
Info Phone Number: 908-562-0770/800-628-3385  
Emergency Phone Number: 800-628-3385/908-562-0770  
Review Ind: Y  
Published:

IDENTIFICATION: Liquid, Color Varies, Odor Vegetable oil, Insoluble in water,  
Boiling Point (°C)>300 760 mm Hg, Relative Density 1.7-1.8, Vapor Density Not  
applicable, pH-Value Conc. Sol. Not applicable.

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Fire and Explosion Hazard Information

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Flash Point Method: CC  
Flash Point Text: 450F  
Extinguishing Media: CO2, DRY CHEMICAL FOAM  
Fire Fighting Procedures: KEEP COOL.  
Unusual Fire/Explosion Hazard: BLACK SMOKE MAY BE EVOLVED WHICH  
AFFECTS EYES & LUNGS. AUTOIGNITION TEMPERATURE: >572F.

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Reactivity Data

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Stability Indicator: YES. Product is stable.





M. Graham & Co. Material Safety Data Sheet  
M. Graham & Co.  
P.O. Box 215  
West Linn, OR 97068-0215  
Telephone 503-656-6761  
Date Revised: 11/1/07

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Product Identification: Professional Oil Products, pigments, dispersions, and mediums including but not limited to Walnut Alkyd Medium

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#### HMIS Information

Health 1

Flammability 1

Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Compound paint, N.O.S., Not regulated by DOT as a hazardous material.

#### PHYSICAL CHARACTERISTICS

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Boiling range: N/A

Specific gravity: N/A

Vapor pressure: N/A

% volatile (volume): 0

Vapor density: N/A

Evaporation rate: N/A

Reactivity in Water: Non-reactive

Appearance and odor: Light amber liquid, slight vegetable odor

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#### FIRE & EXPLOSION DATA

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Flash point method: T.C.C.

Flash point: >215°F

Auto-ignition Temperature: N/A

Classification OSHA-Class III-B-Dot-Combustible Liquid

Extinguishing Media: CO<sub>2</sub>, foam or dry chemical

Reactivity: Stable

Certified as non-toxic as defined in 16 CFR 1500.3 (c) (2) (I). Ingestion can produce a laxative effect.

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Date Revised: 11/1/07

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Product Identification: Professional Oil Products, pigments, dispersions, and mediums including but not limited to Titanium White

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#### HMIS Information

Health 1

Flammability 1

Reactivity 0

Chemical formula: Titanium Dioxide (total dust)

CAS # 13463-67-7

TWA 10 mg/M<sup>3</sup> -

DOT shipping class: Compound paint, N.O.S., Not regulated by DOT as a hazardous material.

#### PHYSICAL CHARACTERISTICS

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Boiling range: N/A

Specific gravity: N/A

Vapor pressure: N/A

% volatile (volume): 0

Vapor density: N/A

Evaporation rate: N/A

Reactivity in Water: Non-reactive

Appearance and odor: Thick paste, slight vegetable odor

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#### FIRE & EXPLOSION DATA

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Flash point method: T.C.C.

Flash point: >215°F

Auto-ignition Temperature: N/A

Classification OSHA-Class III-B-Dot-Combustible Liquid

Extinguishing Media: CO<sub>2</sub>, foam or dry chemical

Reactivity: Stable

Certified as non-toxic as defined in 16 CFR 1500.3 (c) (2) (I).