

04-12-05

MATERIAL SAFETY DATA SHEET  
 OSHA Hazard Communication  
 Standard (29 CFR 1910.1200)

SIMILAR TO OSHA FORMS 20 AND 174  
 US Department of Labor  
 Printed date: 2/17/98 at 11:58:0

01571 - all codes  
 except  
 Cadmium, cobalt, lead + nickel  
 \* see list \*

PRODUCT NAME:  
 PRODUCT COLOR:  
 PRODUCT NUMBER  
 REGULATORY STATUS:

WILLIAMSBURG HANDMADE OIL COLORS  
 ALL COLORS EXCEPT CADMIUM, COBALT, LEAD, NICKEL  
 SEE LIST  
 CONFORMS TO ASTM D-4236, LHAMA AND FHSA

**SECTION I**

COMPANY NAME  
 ADDRESS  
 CITY, STATE, ZIP  
 Contact  
 INFO TEL NO.  
 EMERGENCY TEL NO.  
 Preparation Date:

MANUFACTURER'S NAME AND LOCATION  
 WILLIAMSBURG ART MATERIALS  
 RRI BOX 465E  
 EAST MEREDITH NY USA 13757  
 ISAAC SANDS  
 1-607-278-6154  
 1-607-278-6154  
 02/13/98

Title BUSINESS MANAGER  
 REV.#

**SECTION II HAZARDOUS INGREDIENTS/ IDENTITY/ STANDARDS/ CONTENT INFORMATION**

Ingredient Listing	CAS No.	OSHA PEL	ACGIH TLV	STEL	% COMP
Oil Base Medium	mixture	n/l	n/l	n/l	<70.00
Pigments	mixture	n/l	n/l	n/l	<50.00

The other ingredients in the oil base medium are judged to be non-hazardous and are regarded as trade secrets

**SECTION III PHYSICAL/ CHEMICAL CHARACTERISTICS**

Boiling Point n/a	Deg. F (Cel.)	Spec Grav	.930 @ 68 F.
Melting Point n/a	Deg. F (Cel.)	(H29=l).	
Vapor Pressure n/a		Vapor density n/a	
Evaporation Rate n/a		Water Solubility n/a	
Odor n/a	Appearance	Viscous	

V-1119

**SECTION IV FIRE and EXPLOSION HAZARD DATA**

Flash Point >200 F. Deg. F.(Cel) Flash Pt. Method unkwn  
 Lower Flam Limit n/l % Upper Flam. Limit n/l  
 Exting. Medium Regular foam, water fog, carbon dioxide, dry chemical.  
 Specialized Fire Wear a self contained breathing apparatus with a full  
 Fighting Proc. facepiece operated in the positive pressure demand mode with appropriate  
 turn-out gear and chemical resistant personal protective equipment.

Unusual Fire & Explosion Hazard May form: acrolein, carbon dioxide and carbon monoxide, various hydrocarbons.

**SECTION V REACTIVITY DATA**

Stable (Unstable) (yes/no)	yes	Conditions None known to avoid
Incompat (Avoid) (Stable)	None	
Haz. Decomp. (y/n) no		Haz. Polym. (yes/no) no

Item Numbers: 01571-1019, 01571-1023, 01571-1024, 01571-1025, 01571-1026, 01571-1029, 01571-1033, 01571-1034, 01571-1059, 01571-1069, 01571-1079, 01571-1133, 01571-1134, 01571-1143, 01571-1333, 01571-1334, 01571-1335, 01571-1336, 01571-1393, 01571-1394, 01571-1763, 01571-1764, 01571-1773, 01571-1774, 01571-2023, 01571-2024, 01571-2043, 01571-2044, 01571-2173, 01571-2174, 01571-2223, 01571-2224, 01571-2243, 01571-2333, 01571-2334, 01571-2573, 01571-2613, 01571-2614, 01571-2633, 01571-2634, 01571-2853, 01571-2854, 01571-3063, 01571-3064, 01571-3263, 01571-3264, 01571-3273, 01571-3274, 01571-3283, 01571-3423, 01571-3424, 01571-3433, 01571-3434, 01571-3443, 01571-3444, 01571-3493, 01571-3494, 01571-3613, 01571-3614, 01571-3623, 01571-3624, 01571-3643, 01571-3644, 01571-3673, 01571-3674, 01571-3703, 01571-3704, 01571-3723, 01571-3724, 01571-3733, 01571-3734, 01571-3743, 01571-3744, 01571-3753, 01571-3754, 01571-3763, 01571-3764, 01571-3773, 01571-3774, 01571-3783, 01571-3784, 01571-3813, 01571-3883, 01571-3884, 01571-3903, 01571-3904, 01571-4033, 01571-4034, 01571-4043, 01571-4044, 01571-4113, 01571-4114, 01571-4143, 01571-4144, 01571-4163, 01571-4164, 01571-4373, 01571-4374, 01571-4383, 01571-4384, 01571-4393, 01571-4394, 01571-4603, 01571-4604, 01571-4653, 01571-4654, 01571-4673, 01571-4674, 01571-4703, 01571-4704, 01571-4713, 01571-4714, 01571-4843, 01571-4844, 01571-4853, 01571-4854, 01571-4873, 01571-4874, 01571-4883, 01571-4884, 01571-4893, 01571-4894, 01571-4903, 01571-4904, 01571-4913, 01571-4914, 01571-4923, 01571-4924, 01571-4933, 01571-4934, 01571-4943, 01571-4944, 01571-4953, 01571-4954, 01571-4963, 01571-4964, 01571-4983, 01571-4984, 01571-5113, 01571-5114, 01571-5173, 01571-5174, 01571-5213, 01571-5214, 01571-5223, 01571-5224, 01571-5233, 01571-5234, 01571-5273, 01571-5274, 01571-5343, 01571-5344, 01571-5673, 01571-5674, 01571-5913, 01571-5914, 01571-5933, 01571-6513, 01571-6514, 01571-6563, 01571-6564, 01571-6603, 01571-6604, 01571-6623, 01571-6624, 01571-6633, 01571-6634, 01571-6653, 01571-6654, 01571-6723, 01571-6724, 01571-6733, 01571-6734, 01571-6813, 01571-7093, 01571-7094, 01571-7133, 01571-7134, 01571-7193, 01571-7194, 01571-7223, 01571-7224, 01571-7313, 01571-7314, 01571-7343, 01571-7344, 01571-7353, 01571-7354, 01571-7543, 01571-7544, 01571-7553, 01571-7554, 01571-7593, 01571-7594, 01571-7653, 01571-7654, 01571-7803, 01571-7804, 01571-7863, 01571-7864, 01571-7893, 01571-7894, 01571-7903, 01571-7904, 01571-7913, 01571-7914, 01571-7923, 01571-7963, 01571-7964, 01571-7973, 01571-7974, 01571-8033, 01571-8034, 01571-8043, 01571-8044, 01571-8053, 01571-8054, 01571-8063, 01571-8064, 01571-8073, 01571-8074, 01571-8083, 01571-8084, 01571-8093, 01571-8094, 01571-8103, 01571-8104, 01571-8150, 01571-8213, 01571-8214, 01571-8313, 01571-8314, 01571-8483, 01571-8484, 01571-8533, 01571-8534, 01571-8803, 01571-8813, 01571-8814, 01571-8873, 01571-8874, 01571-8923, 01571-8924, 01571-9093, 01571-9094, 01571-9243, 01571-

Cond to Avoid none

**Confirm all information prior to use**

Abbreviations:	Not Applicable N/A..	Not Flammable NIF	Ceiling Value	C
	Not Known N/K		Not Determined	N/D
	Respirable Fraction R		Not Listed	N/L
Permissible Exposure Limit	PEL		Unknown	UNKWN
			ACGIH Threshold Limit Value	TLV

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 intention or purpose. No other warranty is given.

**SECTION VI HEALTH HAZARD DATA**

Routes of Entry: Inhalation no  
Skin no  
Ingest, no

Health Hazards None known

NTP Carcinogen NO IARC Carcinogen No OSHA Carcinogen NO

Signs/Symptoms none known  
of Exposure  
Medical Conditions None known  
to Avoid

First Aid If eye contact, flush eyes gently with water. If there is visual difficulty, see a physician.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

spill Absorb liquid on vermiculite, floor absorbent or other absorbent material  
Waste Disp Disposal should be in accordance with all applicable local, state and federal regulations.  
Precautions Do not store near heat. Keep cool.  
Other Precautions None known

**SECTION VIII CONTROL MEASURES**

Resp Protect Normally not needed.  
Local Exhaust Normally not needed  
Spec Local Exh Normally not needed  
Mech Exhaust Normally not needed  
Other Mech Exhaust Normally not needed  
Protect Gloves Wear gloves or use barrier creams to protect skin.  
Eye Protect Normally not needed  
Protect Clothing Freshly-laundered artist's smock.  
Work Practices Wash hands and face after use.

**LABEL STATEMENTS FOR WILLIAMSBURG - HANDMADE OIL COLORS**

Acute Toxicity None  
Chronic Toxicity None  
CALIFORNIA PROP 65  
WARNING STATEMENT None

Certification Assurance Conforms to ASTM D-4236  
Children's Hazard Warning KEEP OUT OF THE REACH OF CHILDREN.

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**Confirm all information prior to use**

Abbreviations:      Not Applicable N/A..      Not Flammable NIF  
                          Not Known      N/K  
                          Respirable Fraction      R  
                          Permissible Exposure Limit      PEL

Ceiling Value      C  
 Not Determined      N/D  
 Not Listed      N/L  
 Unknown      UNKWN  
 ACGIH Threshold Limit Value      TLV

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Williamsburg Oil Colors - MSDS LIST

01571

ALL COLORS EXCEPT CADMIUM, COBALT, LEAD, NICKEL

Item #	Description	Item #	Description	Item #	Description
684	Alizarin Crimson	1342	Mars Yellow Light	101	Titanium White
534	Alizarin Orange	584	Montserrat Orange	121	Titanium - Zinc White
514	Alizarin Yellow	422	Naples Reddish	1641	Turkey Umber
1022	Bohemian Green Earth	442	Naples Yellow	863	Turquoise
212	Brilliant Yellow Pale	462	Naples Yellow Italian	942	Ultramarine Blue
202	Brilliant Yellow Xtra-Pale	323	Olive Green	962	Ultramarine Blue French
1561	Brown Ochre	1063	Payne's Grey (Violet)	774	Ultramarine Pink
1484	Brown Pink	685	Permanent Crimson	764	Ultramarine Violet
1631	Brown Umber	1263	Permanent Green	181	Unbleached Titanium
1521	Burnt Sienna	1163	Permanent Green Light	191	Unbleached Titanium Pale
1661	Burnt Umber	263	Permanent Lemon	1681	Van Dyke Brown
744	Canton Rose	543	Permanent Orange	1103	Veronese Green
1223	Chromium Oxide	563	Permanent Red-Orange	1245	Viridian Green
1153	Cinnabar Green Light	423	Permanent Yellow Deep	1401	Yellow Ochre (Domestic)
1732	Cold Black	1363	Permanent Yellow Green	1541	Yellow Ochre Burnt
1323	Courbet Green	303	Permanent Yellow Light	161	Zinc Buff
1512	Cyprus Orange	383	Permanent Yellow Medium	162	Zinc Buff Yellowish
1701	Davy's Grey Deep	714	Persian Rose	141	Zinc White
724	Dianthus Pink	686	Perylene Crimson		Native Italian Earth Colors
1494	Dutch Brown (Transparent)	1004	Phthalo Blue	13	Terra Verte
1122	Earth Green	1284	Phthalo Green	14	Lemon Ochre
805	Egyptian Violet	1264	Phthalo Green-Yellowish	15	Yellow Ochre
624	Fanchon Red	1024	Phthalo Turquoise	16	Orange Ochre
1792	German Earth	734	Provence Violet Reddish	17	Green Ochre
1702	Graphite Grey	754	Provence Violet Bluish	18	Pompeii Red
515	Green Gold	635	Pyrazolone Red Scarlet	19	Rosso Veneto
524	Indian Yellow	645	Pyrazolone Red Deep	20	Pozzuoli Earth
985	Indanthrone Blue	982	Prussian Blue	21	Terra Rosa
1043	Indigo	855	Quinacridone Brown	22	Roman Earth
1782	Intense Black	865	Quinacridone Gold	23	Burnt Sienna
1474	Italian Pink	775	Quinacridone Magenta	24	Raw Sienna
1721	Ivory Black	665	Quinacridone Red	25	Raw Umber
463	Jaune Brilliant	785	Quinacridone Violet		Opalescent and Iridescent
813	King's Blue	1501	Raw Sienna	1853	Iridescent Black
1761	Lamp Black	1621	Raw Umber	1883	Iridescent Copper
704	Manganese Violet	1581	Red Ochre	1823	Iridescent Pale Gold
1742	Mars Black	1671	Red Umber	1863	Iridescent Pearl White
1382	Mars Orange	1304	Sap Green	1843	Iridescent Pewter
1422	Mars Red	823	Sevres Blue	1833	Iridescent Silver
1402	Mars Red Light	1691	Slate Black	1803	Interference Blue
1442	Mars Violet	1601	Spanish Earth	1893	Interference Green
1362	Mars Yellow Deep	1464	Stil De Grain	1873	Interference Red
				1813	Interference violet

**LEAD COLORS**

- 114 Silver White - 1673, 1674
- 104 Flake White - 1113, 1114

**CADMIUM COLORS**

- 1186 Cadmium Green 7213-14
- 7203-04-1146 Cadmium Green Light
- 246 Cadmium Lemon-4183-84
- 546 Cadmium Orange-4533-34

**COBALT COLORS**

- 848 Cerulean Blue 5163-64
- 5573-74-857 Cerulean Blue French
- 927 Cobalt Blue 5183-84
- 937 Cobalt Blue Deep 5383-84

**NICKEL COLORS**

- 224 Nickel Yellow 4833-34

Handwritten notes: 3203-04, 3093-85-94, 3103, 3104, 3713-14

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