

# MATERIAL SAFETY DATA SHEET

12/25/2009

MANUFACTURER OR DISTRIBUTOR: **Daniel Smith, Inc**  
**4150 1st Ave South**  
**PO Box 84268**  
**Seattle, Washington 98134-2302**

INFORMATION TELEPHONE NUMBER: **206-223-9599**  
EMERGENCY TELEPHONE NUMBER: **206-223-9599**

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **DANIEL SMITH ORIGINAL OIL COLORS** PRODUCT NUMBER: **1975**  
PRODUCT SIZES: **37ML, 150ML, 16OZ, 32OZ, 128OZ** BRAND NAME: **DANIEL SMITH ORIGINAL OIL COLORS**  
PRODUCT CLASS: **OIL PAINT**

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>PEL/TLV (MG/M#)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
COBALT	7440-48-4	0.05	15.37560	Y	Y
COPPER	7440-50-8	1.00	0.42444	N	N

## SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: N/A MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
SPECIFIC VAPOR DENSITY (AIR=1): N/A SPECIFIC GRAVITY: N/A  
SOLUBILITY IN WATER: N/A REACTIVITY IN WATER: NON-REACTIVE  
APPEARANCE AND ODOR:

## SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: N/A  
EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE  
EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED  
FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED  
UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

## SECTION V - PHYSICAL HAZARDS/REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: NONE  
STABILITY: STABLE CONDITIONS TO AVOID: NONE  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

## SECTION VI - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION II FOR COMPONENT PEL/TLVs  
PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: **MAY BE HARMFUL IF SWALLOWED. MAY BE HARMFUL BY BREATHING DUSTS OR MISTS. EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, CHEST PAIN, CHEST TIGHTNESS, WHEEZING AND A COUGH.**

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: **INHALATION MAY CAUSE RESPIRATORY ALLERGIES. SKIN CONTACT MAY CAUSE ALLERGIC SKIN RASHES. EXPOSURE MAY CAUSE DAMAGE TO THE TESTES. INHALATION MAY CAUSE LUNG DAMAGE. EXPOSURE MAY CAUSE DAMAGE TO THE HEART. EXPOSURE MAY CAUSE ITCHINESS OF THE SKIN WITH HIVES OR ECZEMA. EXPOSURE MAY RESULT IN FATIGUE. CHRONIC EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, EASY FATIGABILITY AND CHEST PAIN.**

CARCINOGEN LISTING: NTP: **YES** IARC: **YES** OSHA: **NO**

SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: ASTHMA. CHRONIC DERMATITIS. ANEMIA. HEART DISEASE.

FIRST AID MEASURES: If swallowed, get prompt medical attention.

## **SECTION VII - SPILL OR LEAK PROCEDURES**

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: **KEEP OUT OF REACH OF CHILDREN.**

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## **SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES**

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: Use NIOSH-certified mask for dusts or mists.

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED

WORK/HYGIENE PRACTICES: Avoid prolonged contact with skin. Do not spray apply. Avoid ingestion. Wash hands immediately after use. When using do not eat, drink or smoke.

## **SECTION IX - ADDITIONAL INFORMATION AND WARNINGS**

THIS INFORMATION SHEET IS FOR CONSUMER USE ONLY.  
ADDITIONAL INFORMATION AND WARNINGS: NONE REQUIRED

## **SECTION X - COLOR INFORMATION**

THIS MSDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS

**Product Color**

**Hazardous Ingredient**

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<b>Product Color</b>	<b>Hazardous Ingredient</b>
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100 BUFF TITANIUM	(none)
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101 YELLOW OCHRE	(none)
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102 RAW SIENNA	(none)
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103 VENETIAN RED	(none)
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104 INDIAN RED	(none)
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105 MARS VIOLET	(none)
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106 BURNT SIENNA	(none)
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107 RAW UMBER	(none)
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108 BURNT UMBER	(none)
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109 MOONGLOW	(none)
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111 RAW UMBER VIOLET	(none)
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112 VAN DYCK BROWN	(none)
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113 IVORY BLACK	(none)
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114 LAMP BLACK	(none)
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115 CHROMIUM GREEN OXIDE	(none)
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116 COBALT GREEN PALE	(none)
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117 COBALT GREEN DEEP	(none)
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118 VIRIDIAN	(none)
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119 PHTHALO GREEN BS	(none)
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120 TERRE VERTE	(none)
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<b>Product Color</b>	<b>Hazardous Ingredient</b>
121 OLIVE GREEN	(none)
122 SAP GREEN	(none)
123 PERMANENT BLUE	(none)
124 CERULEAN BLUE, CHROMIUM	(none)
125 COBALT BLUE	(none)
126 ULTRAMARINE BLUE DEEP	(none)
127 PHTHALO BLUE RS	(none)
128 PRUSSIAN BLUE	(none)
129 INDANTHRONE BLUE	(none)
130 INDIGO	(none)
131 PHTHALO TURQUOISE	(none)
133 ANTHRAQUINOID RED	(none)
134 ALIZARIN CRIMSON	(none)
135 QUINACRIDONE VIOLET	(none)
136 NAPHTHAMIDE MAROON	(none)
137 QUINAZARIN MAROON	(none)
138 COBALT VIOLET LIGHT	COBALT
139 COBALT VIOLET DEEP	COBALT
140 ULTRAMARINE VIOLET	(none)
141 PYRROL RED	(none)

<b>Product Color</b>	<b>Hazardous Ingredient</b>
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143 ORGANIC VERMILION	(none)
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146 QUINACRIDONE RED	(none)
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148 QUINACRIDONE ROSE	(none)
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149 QUINACRIDONE MAGENTA	(none)
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150 BORDEAUX	(none)
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151 PAYNE'S GRAY	(none)
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152 FRENCH ULTRAMARINE	(none)
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153 YELLOW OCHRE LIGHT	(none)
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154 PERMANENT GREEN LIGHT	(none)
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155 MEDITERRANEAN BLUE	(none)
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156 HANSA YELLOW LIGHT	(none)
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157 HANSA YELLOW MEDIUM	(none)
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158 HANSA YELLOW DEEP	(none)
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177 PERMANENT RED	(none)
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178 PERMANENT RED DEEP	(none)
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179 PERMANENT ORANGE	(none)
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198 SEPIA	(none)
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199 BROWN OCHRE	(none)
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300096 QUINACRIDONE SIENNA	(none)
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300097 TERRE ERCOLANO	(none)
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300098 VERONA GOLD OCHRE	(none)
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<b>Product Color</b>	<b>Hazardous Ingredient</b>
300099 HOOKER'S GREEN	(none)
300100 PHTHALO BLUE GS	(none)
300101 MANGANESE VIOLET	(none)
300103 GREEN GOLD	(none)
300104 MANGANESE BLUE HUE	(none)
300105 QUINACRIDONE PINK	(none)
300106 POTTERS PINK	(none)
300107 TRANSPARENT YELLOW OXIDE	(none)
300108 NICKEL AZO YELLOW	(none)
300111 CASCADE GREEN	(none)
300112 BURGUNDY YELLOW OCHRE	(none)
300113 BURGUNDY RED OCHRE	(none)
300114 BISMUTH VANADATE YELLOW	(none)
300117 LEMON YELLOW	(none)
300123 QUINACRIDONE FUCHSIA	(none)
300124 BURNT YELLOW OCHRE	(none)
300125 TRANSPARENT RED OXIDE	(none)
300127 PYRROL ORANGE	(none)
300128 TRANSPARENT BROWN OXIDE	(none)
300129 CADMIUM YELLOW LIGHT HUE	(none)

<b>Product Color</b>	<b>Hazardous Ingredient</b>
300130 PYRROL CRIMSON	(none)
300131 ENVIRO-FRIENDLY RED IRONOXIDE	(none)
300132 ENVIRO-FRIENDLY YELLOW IRONOXIDE	(none)
300133 ENVIRO-FRIENDLY BROWN IRONOXIDE	(none)
300134 TRANSPARENT EARTH ORANGE	(none)
300135 NAPHTHOL SCARLET	(none)
300136 ASPHALTUM	(none)
300137 PERMANENT ALIZARIN CRIMSON	(none)
300138 CADMIUM YELLOW MEDIUM HUE	(none)
300139 CADMIUM RED SCARLET HUE	(none)
300140 CADMIUM ORANGE HUE	(none)
300141 CADMIUM GREEN HUE	(none)
300142 CAUCASIAN FLESH TONE	(none)
300143 TRANSPARENT ORANGE	(none)
300144 CADMIUM RED MEDIUM HUE	(none)
501 PERMANENT GREEN	(none)
502 NICKEL TITANATE YELLOW	(none)
503 INDIAN YELLOW	(none)
504 CARBAZOLE VIOLET	(none)
505 QUINACRIDONE BURNT ORANGE	(none)

<b>Product Color</b>	<b>Hazardous Ingredient</b>
506 AZO YELLOW	(none)
507 COBALT TURQUOISE	(none)
508 QUINACRIDONE GOLD	(none)
509 MARS BLACK	(none)
510 MAGNESIUM FERRITE	(none)
511 GRAPHITE GRAY	(none)
512 COBALT YELLOW (AUREOLIN)	(none)
513 PERINONE ORANGE	(none)
515 NATURAL YELLOW OCHRE	(none)
516 COBALT TEAL BLUE	(none)
517 PERYLENE MAROON	(none)
518 QUINACRIDONE BURNT SCARLET	(none)
519 QUINACRIDONE CORAL	(none)
520 PERYLENE SCARLET	(none)
521 PYRROL SCARLET	(none)
522 PHTHALO GREEN YS	(none)
531/631 RICH GREEN GOLD	COPPER
578/678 LIGHT BLUE VIOLET	(none)
579/679 NAPLES YELLOW	(none)
911 MIXED WHITE	(none)

<b>Product Color</b>	<b>Hazardous Ingredient</b>
912 STIFF MIXED WHITE	(none)
913 TITANIUM WHITE	(none)
914 ZINC WHITE	(none)