

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 EXTRA FINE WATERCOLORS** PRODUCT NUMBER: **2776**
PRODUCT SIZES: **15 ML** BRAND NAME: **DANIEL SMITH EXTRA FINE WATERCOLORS**
PRODUCT CLASS: **WATER COLORS (TUBE)**

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	9.45120	Y	Y
COPPER	7440-50-8	1.00	11.16121	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. EXPOSURE MAY CAUSE DAMAGE TO THE KIDNEYS OR LIVER. INHALATION MAY CAUSE LUNG DAMAGE. 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: 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

00 AZO YELLOW

Hazardous Ingredient

(none)

Product Color	Hazardous Ingredient
000 DEEP SAP GREEN	(none)
001 ALIZARIN CRIMSON	(none)
002 PERYLENE MAROON	(none)
004 ULTRAMARINE BLUE	(none)
005 PYRROLE RED	(none)
006 CAD. RED SCARLET	(none)
007 QUINA. BURNT SCARLET	(none)
008 BURNT SIENNA	(none)
009 BURNT UMBER	(none)
010 GRAPHITE GRAY	(none)
011 CHINESE WHITE	(none)
012 MOONGLOW	(none)
013 QUINA. PINK	(none)
014 PERINONE ORANGE	(none)
015 BUFF TITANIUM	(none)
016 ANTHRA. RED	(none)
017 ROSE OF ULTRAMARINE	(none)
018 INDANTHRONE BLUE	(none)
019 LUNAR EARTH	(none)
020 NEW GAMBOGE	(none)

Product Color	Hazardous Ingredient
021 LUNAR BLACK	(none)
022 PERM. GREEN LIGHT	(none)
023 INDIAN RED	(none)
024 INDIAN YELLOW	(none)
025 INDIGO	(none)
026 IVORY BLACK	(none)
027 COBALT TURQUOISE	(none)
028 LAMP BLACK	(none)
029 PERYLENE RED	(none)
030 COBALT VIOLET DEEP	COBALT
031 HANSA YELLOW DEEP	(none)
032 PERM. BROWN	(none)
033 OLIVE GREEN	(none)
034 PAYNE'S GRAY	(none)
035 CARBAZOLE VIOLET	(none)
036 PRUSSIAN BLUE	(none)
037 GREEN GOLD	(none)
038 MANGANESE VIOLET	(none)
039 NAPHTHAMIDE MAROON	(none)
040 RAW SIENNA	(none)

Product Color	Hazardous Ingredient
041 RAW UMBER	(none)
042 ORGANIC VERMILLION	(none)
043 SAP GREEN	(none)
044 PERYLENE SCARLET	(none)
045 SEPIA	(none)
046 DEEP SCARLET	(none)
047 PERM. GREEN	(none)
048 TERRE VERTE	(none)
049 COBALT GREEN PALE	(none)
050 VAN DYCK BROWN	(none)
051 VENETIAN RED	(none)
052 ULTRAMARINE RED	(none)
053 PHTHALO BLUE	(none)
054 PHTHALO GREEN-(YELLOW	(none)
055 PHTHALO GREEN-(BLUE)	(none)
056 QUINA. RED	(none)
057 ULTRAMARINE VIOLET	(none)
058 HANSA YELLOW	(none)
059 YELLOW OCHRE	(none)
060 MARS YELLOW	(none)
061 NICKEL TITANATE YELL.	(none)

Product Color	Hazardous Ingredient
062 PERM. ORANGE	(none)
063 AUREOLIN-(COBALT YELL	(none)
064 PHTHALO TURQUOISE	(none)
065 CERULEAN BLUE	(none)
066 COBALT BLUE	(none)
067 COBALT GREEN	(none)
068 FRENCH ULTRAMARINE	(none)
069 BORDEAUX	(none)
070 HANSA YELLOW LIGHT	(none)
072 CHROMIUM GREEN OXIDE	(none)
073 QUINA. MAGENTA	(none)
074 PERM. VIOLET	(none)
075 PERM. RED	(none)
076 QUINA. ROSE	(none)
077 VIRIDIAN	(none)
078 COBALT TEAL BLUE	(none)
079 NAPLES YELLOW	(none)
080 ROSE MADDER GENUINE	(none)
081 CAD. ORANGE	(none)
082 CAD. RED	(none)

Product Color	Hazardous Ingredient
083 CAD. RED DEEP	(none)
084 PYRROL SCARLET	(none)
085 CAD. YELLOW	(none)
086 CAD. YELLOW DEEP	(none)
087 CAD. YELLOW LT.	(none)
088 COBALT VIOLET	COBALT
089 QUINA. VIOLET	(none)
090 RAW UMBER VIOLET	(none)
091 QUINA. BURNT ORANGE	(none)
092 QUINA. CORAL	(none)
093 PERM. RED DEEP	(none)
094 CARMINE	(none)
095 QUINA. SIENNA	(none)
096 QUINA. GOLD	(none)
097 AZURITE	COPPER
098 MALACHITE	COPPER
100 ULTRAMARINE TURQU.	(none)
101 UNDERSEA GREEN	(none)
102 MARS VIOLET	(none)
104 BOHEMIAN GREEN EARTH	(none)

Product Color	Hazardous Ingredient
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105 COTE D'AZURE VIOLET	(none)
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106 ITALIAN BURNT SIENNA	(none)
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107 MANGANESE BLUE HUE	(none)
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108 NICKEL AZO YELLOW	(none)
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109 PINKCOLOR	(none)
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110 HOOKER'S GREEN	(none)
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111 SPANISH GOLD OCHRE	(none)
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113 GENIUNE LAPIS LAZULI	(none)
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114 RICH GREEN GOLD	COPPER
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115 COBALT BLUE VIOLET	(none)
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116 POMPEI RED	(none)
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117 TERRE ERCOLAND	(none)
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118 TITANIUM WHITE	(none)
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119 PHTHALO BLUE	(none)
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121 GERMAN GRN. RAW UMBER	(none)
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122 ITALIAN VENETIAN RED	(none)
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123 VERONA LIGHT OCHRE	(none)
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124 PHTHALO YELLOW GREEN	(none)
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126 PYRROL ORANGE	(none)
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127 PYRROL CRIMSON	(none)
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Product Color	Hazardous Ingredient
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128 PRUSSIAN GREEN	(none)
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129 TRANSPARENT BROWN OXIDE	(none)
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130 TRANSPARENT RED OXIDE	(none)
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131 TRANSPARENT YELLOW OXIDE	(none)
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132 QUINACRIDONE FUCHSIA	(none)
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133 PERMANENT YELLOW DEEP	(none)
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134 FRENCH OCHRE	(none)
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135 ITALIAN DEEP OCHRE	(none)
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136 ENGLISH RED OCHRE	(none)
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137 ENGLISH RED EARTH	(none)
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140 VIVIANITE (BLUE OCHRE) GENUINE	(none)
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141 LUNAR RED ROCK	(none)
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142 CASCADE GREEN	(none)
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143 MINNESOTA PIPESTONE	(none)
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144 GOETHITE	(none)
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145 SEDONA GENUINE	(none)
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146 YAVAPAI GENUINE	(none)
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147 BURGUNDY YELLOW OCHRE	(none)
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150 SLEEPING BEAUTY TURQUOISE GENUINE	(none)
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151 BURGUNDY RED OCHRE	(none)
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Product Color	Hazardous Ingredient
152 QUINACRIDONE DEEP GOLD	(none)
154 BISMUTH VANADATE YELLOW	(none)
155 KINGMAN GREEN TURQUOISE GENUINE	(none)
156 HEMATITE GENUINE	(none)
157 HEMATITE VIOLET GENUINE	(none)
158 HEMATITE BURNT SCARLET GENUINE	(none)
161 TIGERS EYE	(none)
162 BURNT TIGERS EYE GENUINE	(none)
163 AMAZONITE GENUINE	(none)
164 PURPURITE GENUINE	(none)
165 LEMON YELLOW	(none)
166 MUMMY BAUXITE	(none)
167 RHODONITE GENUINE	(none)
169 FUCHSITE GENUINE	(none)
170 BURNT YELLOW OCHRE	(none)
171 ROASTED FRENCH OCHRE	(none)
173 FIRED GOLD OCHRE	(none)
173 VERDITER BLUE	(none)
174 IMPERIAL PURPLE	(none)
176 ENVIRO-FRIENDLY YELLOW OXIDE	(none)

Product Color	Hazardous Ingredient
177 ENVIRO-FRIENDLY RED IRON OXIDE	(none)
178 ENVIRO-FRIENDLY BROWN IRON OXIDE	(none)
179 SODALITE GENUINE	(none)
182 LUNAR VIOLET	(none)
183 LUNAR BLUE	(none)
185 PERMANENT ALIZARIN CRIMSON	(none)
186 KYANITE GENUINE	(none)
187 TRANSPARENT PYRROL ORANGE	(none)
188 SHADOW VIOLET	(none)
189 RED FUCHSITE GENUINE	(none)
190 SERPENTINE GENUINE	(none)
191 PIEDMONTITE GENUINE	(none)
192 CADMIUM YELLOW LIGHT HUE	(none)
193 BLOODSTONE GENUINE	(none)
194 PERYLENE GREEN	(none)
195 JADEITE GENUINE	(none)
196 BLUE APATITE GENUINE	(none)
197 GREEN APATITE GENUINE	(none)
197 NATURAL SIENNA	(none)
198 BURNT SIENNA	(none)

Product Color	Hazardous Ingredient
198 OPERA PINK	(none)
199 BRONZITE GENUINE	(none)
200 SUGILITE GENUINE	(none)
201 PERYLENE VIOLET	(none)
202 SMALT GENUINE	(none)
203 AMETHYST GENUINE	(none)
204 BURNT BRONZITE GENUINE	(none)
205 GARNET GENUINE	(none)
206 CERULEAN BLUE	(none)
207 BLACK TOURMALINE	(none)
208 SPRING GREEN	(none)