

SAFETY DATA SHEET

5/31/2015

SECTION I - IDENTIFICATION

Material Name

DANIEL SMITH ORIGINAL OIL COLORS

Manufacturer Information

Daniel Smith, Inc
4150 1st Ave South
PO Box 84268
Seattle, Washington 98134-2302
Phone: 206-223-9599
Fax: 206-223-0672/224-3568
Email: ron.harmon@danielsmith.com

For transportation emergencies only call: 206-223-9599
For health emergencies call the Poison Control Center: 1-888-516-2502

SECTION II - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Hazardous to the Aquatic Environment - Acute - Category 1

Hazardous to the Aquatic Environment - Chronic - Category 1

GHS Label Elements**Symbol(s)****Signal Word(s)**

Danger

Hazard Statement(s)

Very toxic to aquatic life

Precautionary Statement(s)**Prevention**

Avoid release to the environment.

Response

Collect spillage.

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

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Item Numbers: 02127-1023, 02127-1033, 02127-1303, 02127-2023, 02127-2043, 02127-2053, 02127-2133, 02127-2173, 02127-2563, 02127-3083, 02127-3103, 02127-3123, 02127-3133, 02127-3253, 02127-3273, 02127-3283, 02127-3393, 02127-3493, 02127-3533, 02127-3563, 02127-3623, 02127-3633, 02127-3713, 02127-3733, 02127-3763, 02127-3783, 02127-3793, 02127-3873, 02127-4013, 02127-4043, 02127-4113, 02127-4133, 02127-4143, 02127-4163, 02127-4363, 02127-4453, 02127-4543, 02127-4633, 02127-4703, 02127-4713, 02127-4783, 02127-4913, 02127-4923, 02127-4953, 02127-4963, 02127-4973, 02127-4993, 02127-5083, 02127-5183, 02127-5203, 02127-5223, 02127-5263, 02127-5273, 02127-5333, 02127-5343, 02127-5363, 02127-5393, 02127-5763, 02127-5913, 02127-5923, 02127-5963, 02127-6183, 02127-6513, 02127-6623, 02127-6733, 02127-7013, 02127-7033, 02127-7063, 02127-7073, 02127-7093, 02127-7123, 02127-7133, 02127-7433, 02127-7553, 02127-7913, 02127-7933, 02127-7973, 02127-8053, 02127-8063, 02127-8073, 02127-8123, 02127-8183, 02127-8313, 02127-8333, 02127-8623, 02127-8713, 02127-8913, 02127-9013, 02127-9023, 02127-9093

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Ingredient	CAS #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
ZINC OXIDE	1314-13-2	N/A	53.00000	N	N
MANGANESE	7439-96-5	5.00	1.68795	N	N
COPPER	7440-50-8	1.00	12.75566	N	N

SECTION IV - FIRST AID MEASURES

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

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): 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
 AUTOIGNITION TEMPERATURE: N/A

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

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: Wash hands immediately after use. When using do not eat, drink or smoke.
 ENGINEERING CONTROLS: Keep in original container. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION X - STABILITY AND REACTIVITY

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

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: MAY BE HARMFUL BREATHING DUSTS OR MISTS. 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.
The summated LD50 is 6601.8 mg/kg.
The summated LC50 is 12817 mg/cubic meter.
This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

SECTION XII - ECOLOGICAL INFORMATION

Aquatic Hazard Statement(s)

Very toxic to aquatic life

Very toxic to aquatic life with long lasting effects

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION XIV - TRANSPORTATION INFORMATION

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200
EPA SARA TITLE III CHEMICAL LISTINGS
NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):
NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):
ALUMINUM

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:

ALUMINUM
COPPER PHTHALOCYANINE
FERRIC OXIDE
LINSEED OIL
MICA
PHOSPHORIC ACID, COBALT(2+) SALT (2:3)
ZINC OXIDE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:

CHROMIUM OXIDE GREEN
MICA
PIGMENT RED 101
PIGMENT VIOLET 16
PIGMENT WHITE 6
ZINC OXIDE

**THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:
PHOSPHORIC ACID, AMMONIUM COBALT(2+) SAL
PHOSPHORIC ACID, COBALT(2+) SALT (2:3)**

Under CPSC's consumer product regulations (16CFR1500.3 and 150014), this product has the following required acute and chronic hazard labeling:

**WARNING: MAY BE HARMFUL IF SWALLOWED.
Contains: COPPER, MANGANESE**

**PRECAUTIONS: Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN.
FIRST AID TREATMENT: If swallowed, get prompt medical attention.**

For acutely hazardous products, the name and place of business of the manufacturer, packer, distributor or seller must appear on the label. A US telephone # to obtain more information is recommended but not required.

This product contains a chemical known to the State of California to cause cancer.

SECTION XVI - OTHER INFORMATION

LAST REVISION DATE: 05/31/2015

Prepared by Duke OEM Toxicology

COLOR INFORMATION

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

Product Color	SKU	Hazardous Ingredient
001 INTERFERENCE BLUE		(NONE)
002 INTERFERENCE COPPER		(NONE)
003 INTERFERENCE GOLD		(NONE)
004 INTERFERENCE GREEN		(NONE)
005 INTERFERENCE LILAC		(NONE)
006 INTERFERENCE RED		(NONE)
007 INTERFERENCE SILVER		(NONE)
008 IRIDESCENT ANTIQUE BRONZE		(NONE)
009 IRIDESCENT ANTIQUE COPPER		(NONE)
010 IRIDESCENT ANTIQUE GOLD		(NONE)
011 IRIDESCENT ANTIQUE SILVER		(NONE)
012 IRIDESCENT BLUE		(NONE)
013 IRIDESCENT BRASS		(NONE)
014 IRIDESCENT BRONZE		(NONE)
015 IRIDESCENT BRIGHT GREEN		(NONE)
016 IRIDESCENT COPPER		(NONE)
017 IRIDESCENT GOLD		(NONE)
018 IRIDESCENT GREEN		(NONE)
019 IRIDESCENT MAGENTA		(NONE)
020 IRIDESCENT MAROON		(NONE)
021 IRIDESCENT RED		(NONE)
022 IRIDESCENT RUSSET		(NONE)
023 IRIDESCENT SCARAB RED		(NONE)
024 IRIDESCENT TURQUOISE		(NONE)
025 IRIDESCENT VIOLET		(NONE)
027 METALLIC GERMAN SILVER		(NONE)
028 METALLIC GRAPHITE		(NONE)
029 METALLIC PALEGOLD		(NONE)
030 METALLIC RICHGOLD		(NONE)
031 METALLIC SILVER		(NONE)
032 PEARLESCENT BLACK		(NONE)
033 PEARLESCENT SHIMMER		(NONE)
034 PEARLESCENT WHITE		(NONE)
035 IRIDESCENT ELECTRIC BLUE		(NONE)
036 DUOCHROME AQUAMARINE		(NONE)
037 DUOCHROME SAGUARO GREEN		(NONE)
100 BUFF TITANIUM		(NONE)
101 YELLOW OCHRE		(NONE)
102 RAW SIENNA		(NONE)
103 VENETIAN RED		(NONE)
104 INDIAN RED		(NONE)
105 MARS VIOLET		(NONE)
106 BURNT SIENNA		(NONE)
107 RAW UMBER		(NONE)
108 BURNT UMBER		(NONE)
109 MOONGLOW		(NONE)
111 RAW UMBER VIOLET		(NONE)
112 VAN DYCK BROWN		(NONE)
113 IVORY BLACK		(NONE)
114 LAMP BLACK		(NONE)
115 CHROMIUM GREEN OXIDE		(NONE)
116 COBALT GREEN PALE		(NONE)
117 COBALT GREEN DEEP		(NONE)
118 VIRIDIAN		(NONE)
119 PHTHALO GREEN BS		(NONE)
120 TERRE VERTE		(NONE)
121 OLIVE GREEN		(NONE)

Product Color	SKU	Hazardous Ingredient
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		(NONE)
139 COBALT VIOLET DEEP		(NONE)
140 ULTRAMARINE VIOLET		(NONE)
141 PYRROL RED		(NONE)
143 ORGANIC VERMILION		(NONE)
146 QUINACRIDONE RED		(NONE)
148 QUINACRIDONE ROSE		(NONE)
149 QUINACRIDONE MAGENTA		(NONE)
150 BORDEAUX		(NONE)
151 PAYNE'S GRAY		(NONE)
152 FRENCH ULTRAMARINE		(NONE)
153 YELLOW OCHRE LIGHT		(NONE)
154 PERMANENT GREEN LIGHT		(NONE)
155 MEDITERRANEAN BLUE		(NONE)
156 HANSA YELLOW LIGHT		(NONE)
157 HANSA YELLOW MEDIUM		(NONE)
158 HANSA YELLOW DEEP		(NONE)
177 PERMANENT RED		(NONE)
178 PERMANENT RED DEEP		(NONE)
179 PERMANENT ORANGE		(NONE)
198 SEPIA		(NONE)
199 BROWN OCHRE		(NONE)
300046 NAPLES YELLOW		(NONE)
300096 QUINACRIDONE SIENNA		(NONE)
300097 TERRE ERCOLANO		(NONE)
300098 VERONA GOLD OCHRE		(NONE)
300099 HOOKER'S GREEN		(NONE)
300100 PHTHALO BLUE GS		(NONE)
300101 MANGANESE VIOLET		(NONE)
300102 LAPIS LAZULI GENUINE		(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)
300109 MINNESOTA PIPESTONE		(NONE)
300110 MALACHITE GENUINE		COPPER
300111 CASCADE GREEN		(NONE)
300112 BURGUNDY YELLOW OCHRE		(NONE)
300113 BURGUNDY RED OCHRE		(NONE)
300114 BISMUTH VANADATE YELLOW		(NONE)
300115 SLEEPING BEAUTY TURQUOISE GENUINE		(NONE)
300116 SEDONA GENUINE		(NONE)
300117 LEMON YELLOW		(NONE)
300118 AMAZONITE GENUINE		(NONE)
300119 TIGER'S EYE GENUINE		(NONE)
300120 BURNT TIGER'S EYE GENUINE		(NONE)
300121 PURPURITE GENUINE		MANGANESE
300122 RHODONITE GENUINE		(NONE)
300123 QUINACRIDONE FUCHSIA		(NONE)

Product Color	SKU	Hazardous Ingredient
300124 BURNT YELLOW OCHRE		(NONE)
300125 TRANSPARENT RED OXIDE		(NONE)
300126 HEMATITE GENUINE		(NONE)
300127 PYRROL ORANGE		(NONE)
300128 TRANSPARENT BROWN OXIDE		(NONE)
300129 CADMIUM YELLOW LIGHT HUE		(NONE)
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)
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)
912 STIFF MIXED WHITE		(NONE)
913 TITANIUM WHITE		(NONE)
914 ZINC WHITE		(NONE)

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

<u>Brand Name</u>	<u>SKU</u>	<u>Size</u>
DANIEL SMITH ORIGINAL OIL COLORS		
DANIEL SMITH LUMINESCENT OIL COLORS		