

**MATERIAL SAFETY DATA SHEET**  
**DANIEL SMITH, INC.**  
**DANIEL SMITH WATER SOLUBLE OIL COLORS**  
**Date Printed: 3-19-14 Date Revised: 3-19-14**

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**1. Product and Company Identification**

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**Product Name: Daniel Smith Water Soluble Oil Colors (All Colors)**

**Brand Names: Daniel Smith Water Soluble Oil Colors**

**Product Sizes: 37 ml**

**Product Class: Oil Colors (Tube)**

**Recommended Use: Artistic Painting**

**Company Identification:**

**Daniel Smith, Inc.**

**4150 1<sup>ST</sup> Avenue South**

**PO Box 84268**

**Seattle, Washington 98134-2302**

**Information Phone: (206) 223-9599, (206) 812-5877**

**Emergency Phone: (800) 424-9300**

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**2. Hazards Identification**

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**Keep out of reach of children.**

**Potential Health Effects**

**Eye: Mild eye irritant**

**Skin: Mild skin irritant**

**Ingestion: Ingestion (swallowing) may irritate the mouth, throat, and stomach. Ingestion is not an anticipated route of exposure for this material.**

**Inhalation: None Expected**

**Chronic (Cancer) Information: None Known**

**Teratology (Birth Defects) Information: None Known**

**Reproduction Information: None Known**

**Aggravation of Pre-Existing Conditions: None**

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**3. Composition/Information on Ingredients**

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<b>Ingredient</b>	<b>CAS #</b>	<b>PEL/TLV (MG/M3)</b>	<b>Max % Weight</b>	<b>NTP</b>	<b>IARC</b>
COBALT COMPOUNDS	7440-48-4	0.05		Y	Y

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**4. First Aid Measures**

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**Eyes: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting eyelid. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.**

**Skin: Remove affected person from source of contamination. Get medical attention if irritation persists after washing.**

**Ingestion: Never make an unconscious person vomit or drink fluids. Rinse mouth thoroughly. Drink plenty of water. Get medical attention if there is any discomfort.**

**Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.**

**Note to Physicians: None**

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### **5. Fire Fighting Measures**

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**Flammable Properties:**

**Flash Point: None**                                      **Method: Not Applicable**

**Explosive Limits: Not Explosive**

**Lower Explosive Limit: Not Applicable**

**Upper Explosive Limit: Not Applicable**

**Autoignition Temperature: Not Applicable**

**Hazardous Combustion Products: None**

**Extinguishing Media: No Special Media Required**

**Fire Fighting Procedures: No Special Fire Fighting Procedures Required**

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### **6. Accidental Release Measures**

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**Small Spill: No special spill procedures required.**

**Large Spill: No special spill procedures required.**

**Environmental Precautions: Do not contaminate water courses or sewer.**

**Methods/Materials for Containment and Cleaning Up: Stop leak if possible without risk. Absorb with dry sand, vermiculite, or dirt and place into containers. Do not contaminate water courses or sewer. Dispose of according to local, state and federal regulations.**

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### **7. Handling and Storage**

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**Handling: No special precautions required**

**Storage: Keep in the original container. Store at moderate temperatures.**

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### **8. Exposure Controls/Personal Protection**

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**Airborne Exposure Limits: None**

**Engineering Controls: No specific ventilation requirements**

**Personal Protective Equipment:**

**Respiratory Protection: None with normal usage**

**Skin Protection: None with normal usage**

**Eye Protection: If splashing is possible, wear safety goggles or face shield**

**Hygiene: Wash up when finished working for the day or before eating, smoking, and using the bathroom. Promptly remove any clothing that has been contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink, or smoke.**

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### **9. Physical and Chemical Properties**

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**Boiling Point (Celsius): Not Applicable**

**Melting Point: Not Applicable**

**Freezing Point (Celsius): Not Applicable**

**Vapor Pressure: Not Applicable**

**Vapor Density: Not Applicable**

**Solubility in Water: Soluble**

**Evaporation Rate: Not Applicable**

**Flammability (Solid, Gas): Not Applicable**

**Exposure: Not Applicable**

**Upper Exposure Limits: Not Applicable**

**Lower Exposure Limits: Not Applicable**  
**Specific Gravity: 1.2 - 2.9**  
**pH: Not Applicable**  
**Odor: Vegetable Oil**  
**Odor Threshold: None**  
**Appearance: Colored Oil Paste**  
**Viscosity: Thick, Very Little Flow**  
**Partition Coefficient: Not Applicable**  
**Autoignition Temperature: Not Applicable**  
**Decomposition Temperature: Not Applicable**

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#### **10. Stability and Reactivity**

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**Chemical Stability (Conditions to Avoid): Stable, Avoid Extreme Temperatures**  
**Incompatibility (Materials to Avoid): Strong Oxidizing Agents**  
**Hazardous Decomposition Products: None known**  
**Hazardous Polymerization: None**

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#### **11. Toxicological Information**

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**Eye: May cause irritation**  
**Skin: May cause irritation**  
**Ingestion: May cause discomfort if swallowed**  
**Inhalation: May cause irritation to the respiratory system**  
**Subchronic: May be harmful if swallowed. May be harmful by breathing dusts or mists.**  
**Chronic/Carcinogenicity:**  
    **IARC: Yes (Cobalt Blue)**  
    **NTP: Yes (Cobalt Blue)**  
    **OSHA:No**  
**Teratology: None**  
**Reproduction: None**  
**Mutagenicity: None**  
**Acute Toxicity: None Expected**  
**STOT-Single Exposure: No information available**  
**STOT-Repeated Exposure No information available**  
**Routes of Exposure: Inhalation, ingestion, skin and eye contact**

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#### **12. Ecological Information**

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**Environmental Fate: No information available**  
**Environmental Toxicity: Not classified as dangerous to the environment.**  
**Chemical Fate Information: No information available**  
**Other Adverse Effects: None known**

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#### **13. Disposal Considerations**

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**Waste Disposal Method: Dispose in accordance with Federal, State, and Local regulations.**  
**Contaminated Materials: Dispose in accordance with Federal, State, and Local regulations.**

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#### **14. Transport Information**

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**Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air, ICAO)**  
**Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG): Not Classified**  
**UN Number: Not Applicable**

**UN Shipping Name: Not Applicable**  
**Transport Hazard Class: Not Applicable**  
**Packing Group: Not Applicable**  
**Environmental Hazards: None**  
**Marine Pollutant: None**  
**Special Precautions for User: None known**

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### **15. Regulatory Information**

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**U.S. Federal Regulations: None**  
**OSHA: None**  
**CERCLA: None**  
**SARA Hazard Category: None**  
**Section 313: None**

**This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in accordance with the Labeling of Hazardous Art Materials Act and Federal Regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.**

**This product conforms to ASTM D 4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards.**

**Proposition 65: The following colors contain a chemical known to the State of California to cause cancer: Cobalt Blue**

**International Regulations: Not Regulated**  
**Canadian WHMIS: None**  
**Canadian Environmental Protection Act (CEPA): None**  
**EINECS: None**  
**State Regulations: Not Regulated**  
**Volatile Organic Compounds: None**

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### **16. Other Information**

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**Approved By: Ronald W. Harmon**  
**Prepared By: Ronald W. Harmon**  
**Information Contact: Ronald W. Harmon**

**Manufacturer Disclaimer:** The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Daniel Smith, Inc. assumes no responsibility for personal injury or property damage to users or third parties caused by this material.

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### Color Information

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This MSDS applies to the following Colors which are associated with Hazardous and/or Non-Hazardous ingredients.

<b>Product Color</b>	<b>Hazardous Ingredient</b>	<b>ACMI</b>	<b>Prop 65</b>
<b>37 ml Tube</b>			
284 390 001 – French Ultramarine	None	AP	NO
284 390 002 – Titanium White	None	AP	NO
284 390 003 – Ivory Black	None	AP	NO
284 390 004 – Burnt Umber	None	AP	NO
284 390 005 – Quinacridone Gold	None	AP	NO
284 390 006 – Quinacridone Burnt Orange	None	AP	NO
284 390 007 – Carbazole Violet	None	AP	NO
284 390 008 – Sap Green	None	AP	NO
284 390 009 – Hansa Yellow Medium	None	AP	NO
284 390 010 – Quinacridone Red	None	AP	NO
284 390 011 – Cobalt Blue	Cobalt	CL	YES
284 390 012 – Mixed White	None	AP	NO
284 390 013 – Lamp Black	None	AP	NO
284 390 014 – Yellow Ochre	None	AP	NO
284 390 015 – Quinacridone Sienna	None	AP	NO
284 390 016 – Permanent Alizarin Crimson	None	AP	NO
284 390 017 – Quinacridone Purple	None	AP	NO
284 390 018 – Viridian	None	AP	NO
284 390 019 – Hansa Yellow Light	None	AP	NO
284 390 020 – Quinacridone Coral	None	AP	NO
284 390 021 – Cerulean Blue, Chromium	None	AP	NO
284 390 022 – Buff Titanium	None	AP	NO
284 390 023 – Manganese Blue Hue	None	AP	NO
284 390 024 – Burnt Sienna	None	AP	NO
284 390 025 – Lemon Yellow	None	AP	NO
284 390 026 – Quinacridone Burnt Scarlet	None	AP	NO
284 390 027 – Quinacridone Violet	None	AP	NO
284 390 028 – Phthalo Green (Blue Shade)	None	AP	NO
284 390 029 – Cadmium Yellow Medium Hue	None	AP	NO
284 390 030 – Cadmium Red Medium Hue	None	AP	NO
284 390 031 – Phthalo Blue (Green Shade)	None	AP	NO
284 390 032 – Raw Sienna	None	AP	NO
284 390 033 – Phthalo Blue (Red Shade)	None	AP	NO
284 390 034 – Raw Umber	None	AP	NO
284 390 035 – Cadmium Orange Hue	None	AP	NO
284 390 036 – Quinacridone Rose	None	AP	NO
284 390 037 – Quinacridone Magenta	None	AP	NO

<b>Product Color</b>	<b>Hazardous Ingredient</b>	<b>ACMI</b>	<b>Prop 65</b>
284 390 038 – Phthalo Green (Yellow Shade)	None	AP	NO
284 390 039 – Cadmium Yellow Light Hue	None	AP	NO
284 390 040 – Alizarin Crimson	None	AP	NO
284 390 041 – Transparent Blender	None	AP	NO
284 390 042 – Quinacridone Deep Gold	None	AP	NO
284 390 043 – Ultramarine Blue	None	AP	NO
284 390 044 – Ultramarine Violet	None	AP	NO