# MATERIAL SAFETY DATA SHEET DANIEL SMITH, INC.

## DANIEL SMITH LITHOGRAPHIC INKS Date Printed: 3-30-12 Date Revised: 3-30-12

#### 1. Product and Company Identification

**Product Name: Daniel Smith Lithographic Inks (All Colors)** 

**Brand Names: Daniel Smith Lithographic Inks** 

Product Sizes: 1 LB Cans, 5 LB Cans **Product Class: Oil Based Printing Inks Recommended Use: Artistic Printing** 

**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

#### 2. Hazards Identification

Keep out of reach of children.

**Potential Health Effects** 

Eye: Exposure may cause irritation of the eyes.

Skin: Exposure may cause itchiness of the skin with hives or eczema.

Ingestion: Exposure may cause damage to the kidneys or liver. Exposure may result in fatigue.

Inhalation: Inhalation may cause respiratory allergies, lung damage.

Chronic (Cancer) Information: Chronic Exposure may result in shortness of breath, easy

fatigability and chest pain.

Teratology (Birth Defects) Information: None Known

**Reproduction Information: None Known** 

Aggravation of Pre-Existing Conditions: Asthma, Chronic Dermatitis, Anemia, Heart Disease.

Ingredient	CAS#	PEL/TLV (MG/M3)	Max % Weight	NTP	IARC
 None					

#### 4. First Aid Measures

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 is 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

#### 5. Fire Fighting Measures

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

#### 6. Accidental Release Measures

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.

### 7. Handling and Storage

Handling: Avoid skin and eye contact. Avoid spilling.

Storage: Keep in the original container. Store at moderate temperatures in a dry, well ventilated area.

#### 8. Exposure Controls/Personal Protection

**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

Eve 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.

#### 9. Physical and Chemical Properties

**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: Insoluble 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

#### 10. Stability and Reactivity

Chemical Stability (Conditions to Avoid): Stable, Avoid Extreme Temperatures

Incompatibility (Materials to Avoid): Strong Oxidizing Agents

Hazardous Decomposition Products: None known

**Hazardous Polymerization: None** 

#### 11. Toxicological Information

**Eye: May cause irritation** 

Skin: May cause irritation, prolonged contact may produce an allergic reaction

**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.

Exposure may result in shortness of breath, chest pain, chest tightness, wheezing and a cough.

**Chronic/Carcinogenicity:** 

IARC: No NTP: No OSHA:No Teratology: None Reproduction: None Mutagenicity: None

Acute Toxicity: 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.

STOT-Single Exposure: No information available STOT-Repeated Exposure No information available Routes of Exposure: Inhalation, skin and eye contact

## 12. Ecological Information

**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

## 13. Disposal Considerations

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

#### 14. Transport Information

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** 

## 15. Regulatory Information

**U.S. Federal Regulations: None** 

OSHA: None CERCLA: None

**SARA Hazard Category: None** 

Section 313: Yes

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.

**International Regulations: Not Regulated** 

**Canadian WHMIS: None** 

Canadian Environmental Protection Act (CEPA): None

**EINECS: None** 

State Regulations: Not Regulated Volatile Organic Compounds: None

#### 16. Other Information

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.

# **Color Information**

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

Product Color

# **Hazardous Ingredient**

1 LB Cans	
284 170 001 – #100 Classic Black	None
284 170 002 – #68 Crayon Black	None
284 170 003 – AC-60 Domestic Velvet Black	None
284 170 004 – Greasy Roll-Up Black	None
284 170 005 – #75 Matte Black	None
284 170 006 – #3 Roll-Up Black	None
284 170 007 – Burnt Sienna	None
284 170 008 – Burnt Umber	None
284 170 010 – Hansa Yellow Medium	None
284 170 011 – Hansa Yellow Deep	None
284 170 012 – Hansa Yellow Light	None
284 170 013 – Indanthrone Blue	None
284 170 014 – Phthalo Blue (Green Shade)	None
284 170 016 – Phthalo Green (Yellow Shade)	None
284 170 017 – Pyrrol Orange	None
284 170 018 – Pyrrol Red	None
284 170 019 – Quinacridone Red	None
284 170 021 – Silver	None
284 170 022 – Titanium White	None
284 170 023 – Transparent Base	None
284 170 024 – Yellow Ochre	None
5 LB Cans	
284 170 025 – Titanium White	None
284 170 026 – Transparent Base	None