

# MATERIAL SAFETY DATA SHEET

4/17/2009

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 ULTIMATE** PRODUCT NUMBER: **284/7**  
**ACRYLIC COLORS**  
PRODUCT SIZES: **60 ML TUBE,(4,16,32,&128)** BRAND NAME: **DANIEL SMITH ULTIMATE**  
**OZ. JARS** **ACRYLIC COLORS**  
PRODUCT CLASS: **ACRYLIC PAINT, ARTISTS**

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>PEL/TLV</u> <u>(MG/M#)</u>	<u>Max</u> <u>% Weight</u>	<u>NTP</u>	<u>IARC</u>
COPPER	7440-50-8	1.00	0.31833	N	N
ZINC	7440-66-6	N/A	17.15800	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: **EXPOSURE MAY CAUSE DAMAGE TO THE KIDNEYS OR LIVER. EXPOSURE MAY RESULT IN FATIGUE.**

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

SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: ASTHMA. ANEMIA.

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 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: SEE BELOW

### **RIGHT TO KNOW INGREDIENTS**

This product line contains the following ingredients listed in one or more of these standards or by the noted states

Clean Air Act: Volatile Organic Compounds and Ozone Depleters

Clean Air Act: HON Rule - Organic HAPs

California - 22 CCR: hazardous wastes

Resource Conservation & Recovery Act: D Series Wastes

IATA - Substances Forbidden from Air Transport

CERCLA/SARA: Hazardous Substances

Proposition 65

IARC: Carcinogens

National Toxicology Program: Listed on Report on Carcinogens

CERCLA/SARA: Section 313 - Emission Reporting

Canada - WHMIS: Ingredient Disclosure List

Canada - WHMIS: Classifications of Substances

Department of Transportation: Marine Pollutants

STATE Right-to-Know:

New Jersey

Pennsylvania

Illinois

Rhode Island

<b>Chemical Name</b>	<b>CAS #</b>
BURNT SIENNA	51274-00-1
CHROMIUM III OXIDE POWDER/ PIG. GREEN 18	12001-99-9
COBALT CHROMITE GREEN SPINEL	68187-49-5
GREEN CHROMIUM OXIDE POWDER	1308-38-9
OCTYLPHENOXYPOLYETHOXYETHANOL	9036-19-5
PIGMENT BLACK 9	8021-99-6
PIGMENT BLUE 15	147-14-8
PIGMENT BLUE 15/RED IRON OXIDE	147-14-8
PIGMENT BLUE 15:1	74160:1
PIGMENT BLUE 15:3	147-14-8
PIGMENT BLUE 29	12769-96-9
PIGMENT GREEN 16 OR PIGMENT BLUE 29	12769-96-9
PIGMENT GREEN 36	14302-13-7
PIGMENT GREEN 50	68186-85-6
PIGMENT RED 233	68187-12-2
PIGMENT VIOLET 15	12769-96-9
PIGMENT WHITE 4	1314-13-2
PIGMENT WHITE 6	13463-67-7
PIGMENT YELLOW 129	68859-61-0
PIGMENT YELLOW 150	68511-62-6
PIGMENT YELLOW 184	14059-33-7
PIGMENT YELLOW 42	51274-00-1
PROPYLENE GLYCOL	57-55-6
RAW UMBER	12713-03-0
RED IRON OXIDE	1309-37-1
SILICIC ACID/PETROLEUM DISTILLATES	64741-88-4
TITANIUM DIOXIDE	1317-80-2
ZINC CHROME COBALT ALUMINATE	1344-28-1

## SECTION X - COLOR INFORMATION

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>
20001 BUFF TITANIUM	(none)
20002 BURNT SIENNA	(none)
20005 CARBAZOLE VIOLET	(none)
20006 COBALT BLUE	(none)
20007 FRENCH ULTRAMARINE	(none)
20008 HANSA YELLOW MEDIUM	(none)

<b>Product Color</b>	<b>Hazardous Ingredient</b>
20009 MARS BLACK	(none)
20010 PHTHALO GREEN (BS)	(none)
20011 TITANIUM WHITE	(none)
20012 YELLOW OCHRE	(none)
20013 BURNT UMBER	(none)
20014 CERULEAN BLUE	(none)
20016 PAYNE'S GRAY	(none)
20017 QUINACRIDONE RED	(none)
20018 PHTHALO BLUE (GS)	(none)
20019 PHTHALO GREEN (YS)	(none)
20020 HANSA YELLOW LIGHT	(none)
20021 COBALT TEAL BLUE	(none)
20022 GRAPHITE GRAY	(none)
20023 PYRROL RED	(none)
20024 ULTRAMARINE VIOLET	(none)
20025 PYRROL ORANGE	(none)
20026 PERMANENT RED	(none)
20027 PERMANENT GREEN	(none)
20028 QUINACRIDONE CORAL	(none)
20029 QUINACRIDONE PINK	(none)
20030 QUINACRIDONE MAGENTA	(none)

<b>Product Color</b>	<b>Hazardous Ingredient</b>
20031 QUINACRIDONE VIOLET	(none)
20032 QUINACRIDONE GOLD	(none)
20033 QUINACRIDONE BURNT ORANGE	(none)
20034 QUINACRIDONE SIENNA	(none)
20035 PHTHALO TURQUOISE	(none)
20036 ULTRAMARINE BLUE	(none)
20037 RICH GREEN GOLD	COPPER
20038 NICKEL TITANATE YELLOW	(none)
20039 NEW GAMBAGE	(none)
20040 PERINONE ORANGE	(none)
20041 ANTHRAQUINOID RED	(none)
20042 COBALT GREEN	(none)
20043 COBALT GREEN DEEP	(none)
20044 INDIAN RED	(none)
20045 ZINC WHITE	ZINC
20046 LAMP BLACK	(none)
20047 QUINACRIDONE ROSE	(none)
20048 HANSA YELLOW DEEP	(none)
20049 CHROMIUM GREEN OXIDE	(none)
20050 ORGANIC VERMILION	(none)

<b>Product Color</b>	<b>Hazardous Ingredient</b>
20051 ALIZARIN CRIMSON	(none)
20052 PHTHALO BLUE (RS)	(none)
20053 SAP GREEN	(none)
20054 NICKEL AZO YELLOW	(none)
20055 RAW UMBER	(none)
20059 LAPIS LUZULI GENUINE	(none)
20060 POTTERS PINK	(none)
20061 CASCADE GREEN	(none)
20062 GREEN GOLD	(none)
20063 BISMUTH VANADATE YELLOW	(none)
20069 IVORY BLACK	(none)
20070 LEMON YELLOW	(none)
20071 QUINACRIDONE BURNT SCARLET	(none)
20072 RAW SIENNA	(none)
20073 INDANTHRONE BLUE	(none)
20074 MINNESOTA PIPESTONE	(none)
20075 PERYLENE MAROON	(none)
20076 PERMANENT GREEN LIGHT	(none)
20078 MOONGLOW	(none)

COMPANY: Daniel Smith, Inc

4/17/2009

PRODUCT: 284/7

BRAND NAME: DANIEL SMITH ULTIMATE ACRYLIC COLORS

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Woodhall Stopford, MD, MSPH

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