

SAFETY DATA SHEET

11/2/2022

SECTION I - IDENTIFICATION

Material Name

DANIEL SMITH ETCHING INKS

Company Information

Daniel Smith, Inc
4150 1st Ave South
PO Box 84268
Seattle, WA 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: 1-800-222-1222

SECTION II - HAZARDS IDENTIFICATION

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

There are no GHS label elements.

SECTION III - HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS/EC #</u>	<u>PEL/TLV (MG/M#)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
None					

SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

SECTION V - FIRE FIGHTING MEASURES

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 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: NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED

WORK/HYGIENE PRACTICES: NONE REQUIRED

ENGINEERING CONTROLS: NONE REQUIRED

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

FLASH POINT (METHOD): N/A

SPECIFIC GRAVITY: N/A

REACTIVITY IN WATER: NON-REACTIVE

SECTION X - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: N/A

STABILITY: STABLE CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): N/A

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and smoke

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED

The summated LD50 is 15476 mg/kg.

The summated LC50 is 10968 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

HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

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:

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

AMORPHOUS SILICA

COPPER PHTHALOCYANINE

FERRIC OXIDE

LINSEED OIL

Under CPSC's consumer product regulations (16CFR1500.3 and 1500.14), this product has the following required acute and chronic hazard labeling:

NONE

SECTION XVI - OTHER INFORMATION

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

LAST REVISION DATE: 11/02/2022

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
001/101 ALIZARIN CRIMSON		(NONE)
002/102 BURNT SIENNA		(NONE)
003/103 BURNT UMBER		(NONE)
009/109 CHROMIUM GREEN OXIDE		(NONE)
010/110 DARK BROWN		(NONE)
011/111 ETCHING YELLOW		(NONE)
012/112 INDIAN RED		(NONE)
013/113 INDIGO		(NONE)
014/114 MARS VIOLET		(NONE)
015/115 OCHRE		(NONE)
016/116 OPAQUE ETCHING WHITE		(NONE)
017/117 RAW SIENNA		(NONE)
018/118 RAW UMBER		(NONE)
019/119 SEPIA		(NONE)
020/120 ULTRAMARINE BLUE		(NONE)
022/122 TRANSPARENT BASE		(NONE)
023/123 GRAPHITE		(NONE)
024/124 ETCHING SILVER		(NONE)
025/125 PAYNE'S GRAY		(NONE)
026/126 PROCESS BLACK		(NONE)
027/127 PROCESS BLUE (CYAN)		(NONE)
028/128 PROCESS MAGENTA		(NONE)
029/129 PROCESS YELLOW		(NONE)
030/130 PHTHALO BLUE		(NONE)
031/131 PHTHALO GREEN		(NONE)
032/132 QUINACRIDONE VIOLET		(NONE)
033/133 QUINACRIDONE RED		(NONE)
034/134 PHTHALO TURQUOISE		(NONE)
035/135 PHTHALO VIRIDIAN		(NONE)
036/136 NAPHTHOL RED		(NONE)
037/137 CERULEAN BLUE HUE		(NONE)
038/138 COBALT BLUE HUE		(NONE)
039/139 PRUSSIAN BLUE		(NONE)
040/140 HANSA YELLOW		(NONE)
041/141 BURNT SCARLET		(NONE)
042/142 CARBAZOLE VIOLET		(NONE)
043/143 PYRROL RED		(NONE)
044/144 HANSA YELLOW DEEP		(NONE)
045/145 INDANTHRONE BLUE		(NONE)
052/152 CASCADE GREEN		(NONE)
225/325 STANDARD BLACK		(NONE)
226/326 VINE BLACK		(NONE)
227/327 STIFF BLACK		(NONE)
228/328 TRAD. ORGANIC ETCHING BLACK		(NONE)
229/329 INTENSE BLACK		(NONE)
230/330 ARTIST PREFERRED BLACK		(NONE)
232/332 CREAMY FRENCH BLACK		(NONE)

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name

DANIEL SMITH ETCHING INKS